

February 27, 2026

**BY ELECTRONIC FILING**

Mr. Bernard Logan, Clerk  
c/o Document Control Center  
State Corporation Commission  
1300 East Main Street  
Tyler Building – 1st Floor  
Richmond, Virginia 23219

*Application of Virginia Electric and Power Company for approval and certification of electric transmission facilities: 500 kV Morrisville-Wishing Star Line #5008, 230 kV Anderson Branch-Morrisville Line #2464, Expanded Corridor Optimization and Related Projects*  
**Case No. PUR-2026-00021**

Dear Mr. Logan:

Please find enclosed for electronic filing in the above-captioned proceeding the Application for approval of electric transmission facilities on behalf of Virginia Electric and Power Company (the “Company”). This filing contains the Application, Appendix, Direct Testimony, DEQ Supplement, and Environmental Routing Study, including attachments.

As indicated in Section II.A.12.b of the Appendix, electronic copies of the map of the Virginia Department of Transportation “General Highway Map” for Fauquier, Prince William, and Loudoun Counties, as well as the digital geographic information system (“GIS”) map required by § 56-46.1 of the Code of Virginia, which is Attachment II.A.2 to the Appendix, were provided via email to the Virginia State Corporation Commission’s Division of Public Utility Regulation on February 26, 2026.

Please do not hesitate to call if you have any questions regarding the enclosed.

Highest regards,



Vishwa B. Link

Enclosures

Mr. Bernard Logan, Clerk

February 27, 2026

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**Dominion  
Energy<sup>®</sup>**

**Application, Appendix,  
DEQ Supplement, Routing  
Study, Direct Testimony  
and Exhibits of Virginia  
Electric and Power  
Company**

**Before the State Corporation  
Commission of Virginia**

**500 kV Morrisville-Wishing Star  
Line #5008, 230 kV Anderson  
Branch-Morrisville Line #2464,  
Expanded Corridor Optimization  
and Related Projects**

**Application No. 357**

**Case No. PUR-2026-00021**

**Filed: February 27, 2026**

**Volume 1 of 7**

*Application of Virginia Electric and Power Company  
for Approval and Certification of Electric Transmission Facilities:  
500 kV Morrisville-Wishing Star Line #5008, 230 kV Anderson Branch-Morrisville Line #2464,  
Expanded Corridor Optimization and Related Projects  
Case No. PUR-2026-00021*

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COMMONWEALTH OF VIRGINIA  
BEFORE THE  
STATE CORPORATION COMMISSION

APPLICATION OF  
VIRGINIA ELECTRIC AND POWER COMPANY  
FOR APPROVAL AND CERTIFICATION  
OF ELECTRIC TRANSMISSION FACILITIES

500 kV Morrisville-Wishing Star Line #5008,  
230 kV Anderson Branch-Morrisville Line #2464,  
Expanded Corridor Optimization and Related Projects

Application No. 357

Case No. PUR-2026-00021

Filed: February 27, 2026

COMMONWEALTH OF VIRGINIA

STATE CORPORATION COMMISSION

APPLICATION OF )  
 )  
 VIRGINIA ELECTRIC AND POWER COMPANY ) Case No. PUR-2026-00021  
 )  
 For approval and certification of electric transmission )  
 facilities: 500 kV Morrisville-Wishing Star Line #5008, )  
 230 kV Anderson Branch-Morrisville Line #2464, )  
 Expanded Corridor Optimization and Related Projects )

**APPLICATION OF VIRGINIA ELECTRIC AND POWER COMPANY FOR APPROVAL  
 AND CERTIFICATION OF ELECTRIC TRANSMISSION FACILITIES:  
 500 kV MORRISVILLE-WISHING STAR LINE #5008,  
 230 kV ANDERSON BRANCH-MORRISVILLE LINE #2464,  
EXPANDED CORRIDOR OPTIMIZATION AND RELATED PROJECTS**

Pursuant to § 56-46.1 of the Code of Virginia (“Va. Code”) and the Utility Facilities Act, Va. Code § 56-265.1 *et seq.*, Virginia Electric and Power Company (“Dominion Energy Virginia” or the “Company”), by counsel, files with the State Corporation Commission of Virginia (the “Commission”) this application for approval and certification of electric transmission facilities (the “Application”). In support of its Application, Dominion Energy Virginia respectfully states as follows:

1. Dominion Energy Virginia is a public service corporation organized under the laws of the Commonwealth of Virginia furnishing electric service to the public within its Virginia service territory. The Company also furnishes electric service to the public in portions of North Carolina. Dominion Energy Virginia’s electric system—consisting of facilities for the generation, transmission, and distribution of electric energy—is interconnected with the electric systems of neighboring utilities and is a part of the interconnected network of electric systems serving the continental United States. By reason of its operation in two states and its interconnections with other utilities, the Company is engaged in interstate commerce.

2. In order to perform its legal duty to furnish adequate and reliable electric service, Dominion Energy Virginia must, from time to time, replace existing transmission facilities or construct new transmission facilities in its system. The electric facilities proposed in this Application are necessary so that Dominion Energy Virginia can continue to provide reliable electric service to its customers, consistent with applicable reliability standards.

3. In this Application, in order to relieve violations of mandatory North American Electric Reliability Corporation (“NERC”) Reliability Standards identified during the 2022 Regional Transmission Expansion Plan (“RTEP”) Open Window #3 and 2024 RTEP Open Window #1, to optimize the existing transmission corridor consistent with Virginia law and Commission guidance, and to maintain the structural integrity and reliability of the transmission system while also providing for future load growth, Dominion Energy Virginia proposes in the Counties of Fauquier, Prince William, and Loudoun, Virginia, to:

- (i) Construct one new overhead 500 kilovolt (“kV”) single circuit transmission line extending approximately 36.6 miles between the Company’s Morrisville Station<sup>1</sup> and Wishing Star Station<sup>2</sup> (“Morrisville-Wishing Star Line #5008” or “Line #5008”). Line #5008 will be supported primarily by single circuit 500 kV dulled galvanized steel monopoles and will utilize three-phase triple-bundled 1351.5 Aluminum Conductor Steel Supported/Trapezoidal Wire/High Strength 285 (“ACSS/TW/HS285”) type conductor with a summer transfer capability of 4,357

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<sup>1</sup> Due to the numerous existing and future substations, switching stations, and delivery points (“DPs”) discussed in the Application filing, all such facilities will be referred to individually as “Station” or collectively as “Stations” for purposes of this Application filing to avoid confusion or error.

<sup>2</sup> See *Application of Virginia Electric and Power Company for approval and certification of electric transmission facilities: 500-230 kV Wishing Star Substation, 500 kV and 230 kV Mars-Wishing Star Lines, 500-230 kV Mars Substation, and Mars 230 kV Loop*, Case No. PUR-2022-00183, Final Order (Apr. 5, 2023). The Company notes that Wishing Star and Mars are switching stations as that term has been used in previous applications, as they do not contain distribution equipment, but will be referred to in this Application filing as the Wishing Star Station and Mars Station. See *supra*, n.1. Construction activities were completed for the 500 kV facilities for the Wishing Star Station in December 2025. While station completion will occur in June 2026, the Company refers to Wishing Star Station as “existing” for purposes of this filing as construction is substantially complete. See *Application of Virginia Electric and Power Company for approval and certification of electric transmission facilities: 500-230 kV Wishing Star Substation, 500 kV and 230 kV Mars-Wishing Star Lines, 500-230 kV Mars Substation, and Mars 230 kV Loop*, Case No. PUR-2022-00183, Motion for Extension of Construction and In-Service Date (Oct. 1, 2025) and Order Granting Motion (Dec. 23, 2025).

megavolt amperes (“MVA”<sup>3</sup>).<sup>4</sup>

- (ii) Construct one new overhead 230 kV single circuit transmission line extending approximately 8.1 miles between the Company’s Morrisville Station and Anderson Branch Station<sup>5</sup> (“Anderson Branch-Morrisville Line #2464” or “Line #2464”) primarily collocated on 500/230 kV (“5/2 configured”<sup>6</sup>) double circuit dilled galvanized steel monopoles with rebuilt Line #569.<sup>7</sup> Line #2464 will be constructed utilizing three-phase twin-bundled 768.2 Aluminum Conductor Steel Supported/Trapezoidal Wire/High Strength (“ACSS/TW/HS”) type conductor with a summer transfer capability of 1,573 MVA.
- (iii) Optimize<sup>8</sup> an existing transmission line corridor between the Morrisville and Wishing Star Stations (the “Morrisville-Wishing Star Corridor”)<sup>9</sup> in order to accommodate installation of proposed Line #5008 and Line #2464 through the rebuild or partial rebuild of various existing 500 kV and 230 kV lines,<sup>10</sup> and line

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<sup>3</sup> Apparent power, measured in MVA, is made up of real power (megawatt or “MW”) and reactive power (megavolt ampere reactive or “MVAR”).

<sup>4</sup> The Company is proposing to utilize this advanced conductor on all of the 500 kV lines being built or rebuilt as part of the proposed Project, as defined in this Application filing. These new and rebuilt 500 kV lines will have a Maximum Operating Temperature (“MOT”) of 145°C and be capable of operating at 6,000 amps (“A”), with a summer transfer capability of 5,196 MVA. Due to the MOT capability of this advanced conductor, these proposed new and rebuilt 500 kV lines will be installed using high temperature hardware. As the Company’s existing 500 kV stations and remaining 500 kV lines are not engineered presently to operate at 6000A, the new and rebuilt 500 kV lines proposed as part of this Application initially will be limited to an MOT of 112°C and capable of operating at 5,000A, with a summer transfer capability of 4,357 MVA, based on existing line and station limitations.

<sup>5</sup> The Company anticipates that the Anderson Branch Station will be energized in June 2026.

<sup>6</sup> A “5/2” configuration means that the supporting structures will be aligned such that one position of the structure will have a 500 kV circuit and one position will have a 230 kV circuit. *See, e.g.,* Appendix Attachment II.B.3.a.

<sup>7</sup> *See infra*, n.10.

<sup>8</sup> Note that, for purposes of this filing, “optimize,” “optimized,” “optimizing,” and “optimization” are non-technical terms used in this submission intended to simplify the description of the proposed wreck, rearrangement, and rebuild of existing transmission facilities within the existing corridor in order to install a new 500 kV line and a new 230 kV line within the existing right-of-way or within the Company’s existing property rights to the maximum extent practicable based on constructability challenges, such as the availability of outages for the duration of construction and permitting. The terms are not intended to have any engineering or encroachment implications.

<sup>9</sup> The existing Morrisville-Wishing Star Corridor is approximately 36.2 miles in length and typically varies in width between 235 and 250 feet, except for one approximately 1.5-mile section that is 335 feet wide located in Segment 1 (as defined in this Application filing) in Fauquier County. Note that there are other sections of variable width corridor where additional right-of-way is necessary to accommodate existing transmission line and station interconnections throughout the remainder of the corridor in Fauquier, Prince William, and Loudoun Counties. *See* Appendix Attachment II.A.6.

<sup>10</sup> The Expanded Corridor Optimization (as defined in this Application filing) includes the rebuild or partial rebuild of the following existing lines, which are located at various points within the existing transmission corridor: Loudoun-Meadow Brook Line #535, Bristers-Morrisville Line #545, Mosby-Wishing Star Line #546, Loudoun-Morrisville Line #569, Mosby-Wishing Star Line #590, Gainesville-Loudoun Line #2030, Marsh Run CT-Morrisville Line #2039, Marsh Run CT-Morrisville Line #2040, Loudoun-Northstar Line #2045, Loudoun-Racefield Line #2094,

terminal upgrades and/or equipment installations at various existing stations,<sup>11</sup> including expansion of the Morrisville Station within the Company's existing property rights<sup>12</sup> (the "Expanded Corridor Optimization") consistent with Virginia law and Commission guidance.<sup>13</sup> Through this optimization of the existing Morrisville-Wishing Star Corridor, installation of Line #5008 will be primarily within the existing variable-width corridor with a combination of existing, expanded, and new right-of-way, as needed, or within the Company's existing property rights, and installation of Line #2464 will be entirely within the primarily 235-foot-wide right-of-way corridor<sup>14</sup> or within the Company's existing property rights. The total length of the Project corridor as proposed is approximately 37.5 miles long, which includes approximately 17.9 miles entirely within the existing corridor, approximately 14.3 miles within expanded right-of-way either directly adjacent to the existing corridor or other existing Company property rights, and approximately 5.3 miles of new right-of-way not adjacent to the existing corridor or other existing Company property rights. In the expanded right-of-way areas, the expansion will range from 3 feet to up to 230 feet, with most expansion areas being either a 65-foot-eastern or an 85-foot-western expansion, resulting in a 305- to 325-foot-wide post-Project total right-of-way width in expansion areas.<sup>15</sup> The right-of-way expansion areas also include variable width areas needed to facilitate transitions between various transmission line configurations or to avoid specific constraints. New right-of-way areas will entail 100- to 150-foot-wide greenfield

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Bristers-Vint Hill Line #2101, Remington CT-Rollins Ford Line #2114, Loudoun-Youngs Branch Line #2140, Liberty-Vint Hill Line #2163, Gainesville-Heathcote Line #2176, Gainesville-Rollins Ford Line #2222, Brambleton-Racefield Line #2227, and Brambleton-Northstar #2319. See Appendix Section I.F.

<sup>11</sup> The Expanded Corridor Optimization (as defined in this Application filing) includes line terminal upgrades and/or equipment installations at the following stations: Bristers, Morrisville, and Wishing Star. Note that the upgrades planned at Morrisville Station will require expansion of the station within the Company's existing property rights as currently designed. See Appendix Section II.C for discussion of this station work required for the Project, as well as discussion regarding stations where other minor station-related work will be performed.

<sup>12</sup> The Company continues to coordinate with Fauquier County regarding expansion of the Morrisville Station within the Company's existing property rights as currently designed to accommodate termination of proposed Line #5008 at the station and will submit an updated application to the Fauquier County Planning Commission for all requisite approvals of the expansion.

<sup>13</sup> This optimization approach generally minimizes impacts on the natural and human environments, and is consistent with Commission guidance provided in Attachment 1 of these *Guidelines for Transmission Line Applications Filed Under Title 56 of the Code of Virginia* ("Guidelines"). Specifically, this approach is consistent with Guideline #1, which states that existing rights-of-way should be given priority when adding new transmission facilities, and Va. Code §§ 56-46.1 and 56-259, which promote the use of existing rights-of-way for new transmission facilities.

<sup>14</sup> See *supra*, n.9.

<sup>15</sup> Where new or expanded right-of-way is needed on the western side of the existing Morrisville-Wishing Star Corridor, existing 500 kV and 230 kV lines would be relocated within the new or expanded right-of-way and the proposed Line #5008 would be placed in the easternmost position within the existing right-of-way. As such, the length of Line #5008 (approximately 36.6 miles), the total length of the corridor needed for the Project as proposed (approximately 37.5 miles), and the length of the existing Morrisville-Wishing Star Corridor (approximately 36.2 miles) are different. The existing lines to be relocated in whole or in part at various locations within the new or expanded right-of-way include Line #535, Line #569, Line #2114, Line #2140, Line #2176, and Line #2222.

rights-of-way.<sup>16</sup>

Morrisville-Wishing Star Line #5008, Anderson Branch-Morrisville Line #2464, and the Expanded Corridor Optimization are collectively referred to as the “Morrisville-Wishing Star 500-230 kV Electric Transmission Project” or the “Project.”

4. During the 2022 and 2024 RTEP planning processes, PJM Interconnection, L.L.C. (“PJM”) identified the need for a new 500 kV line between the Morrisville and Wishing Star Stations (specifically, in the 2022 RTEP Open Window #3) and a new 230 kV line between the Morrisville and Anderson Branch Stations (specifically, in the 2024 RTEP Open Window #1) in order to address violations of NERC Reliability Standards, and to maintain the structural integrity and reliability of the transmission system while also providing for future load growth.

5. In development of a potential routing option for the new 500 kV line between the Morrisville and Wishing Star Stations to submit to PJM to address the violations identified in the 2022 RTEP, the Company first preliminarily reviewed, but rejected, overhead and underground greenfield options within the Project area.<sup>17</sup> The Company next reviewed the existing area rights-of-way and determined that a new 500 kV line could be installed within the existing Morrisville-Wishing Star Corridor by wrecking and rebuilding all of the existing 500 kV, 230 kV, and 115 kV lines in the corridor and performing work at various stations along the corridor. This solution, which was included in the 2023 RTEP approved by the PJM Board of Managers (the “PJM Board”) at its board meeting on December 11, 2023, later included the new 230 kV line between the Morrisville and Anderson Branch Stations needed to address violations identified in the 2024

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<sup>16</sup> See Appendix Section I.A and Appendix Attachment II.A.6.

<sup>17</sup> See Appendix Section I.A and Appendix Attachment I.A.2.

RTEP.<sup>18</sup>

6. Importantly, the existing transmission lines between Morrisville and Wishing Star Stations constitute a vital corridor within Dominion Energy Virginia’s electric grid, facilitating the flow of power into the Project load area. Losing this segment of the grid can be likened to closing Interstate 95 and Route 1—while alternative pathways for transfer exist, the loss of this single corridor can have significant and far-reaching consequences. Planned outages, particularly on circuits that share common transmission towers, combined with any unplanned faults on adjacent lines, result in the redistribution of electrical load onto the remaining circuits. While each circuit within this corridor may be managed individually and in isolation, planning studies have shown that the simultaneous removal of multiple circuits—under certain loading conditions—can routinely push neighboring lines beyond their thermal limits. This scenario has the potential to result in a cascading failure: one overloaded line trips, its power flow shifts to another circuit, which then becomes overloaded and trips as well, continuing in sequence until the network experiences a widespread collapse.

7. Given the criticality of the Morrisville-Wishing Star Corridor and the existing 500 kV lines running south to north in particular, the Company assessed constructability challenges, such as the availability of outages for the duration of construction and permitting, to determine the probability of timely construction of proposed Lines #5008 and #2464 entirely within the existing corridor while maintaining a safe and reliable system. The Company determined that successful

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<sup>18</sup> To be clear, Line #5008 (included in the 2023 RTEP approved by the PJM Board) and Line #2464 (included in the 2025 RTEP approved by the PJM Board) are required to solve the violations identified in the 2022 RTEP Open Window #3 and the 2024 RTEP Open Window #1, respectively. *See* Appendix Section I.J for an overview and chronology of the evolution of the Project, including changes to scope. While the full wreck and rebuild of all of the existing lines in the entire Morrisville-Wishing Star Corridor offers the additional benefit of reconductoring those existing lines to current standards, it was proposed by the Company because it allowed for the location of Lines #5008 and #2464 within the existing corridor to the maximum extent practicable, not because it contributes to solving the violations identified by PJM in the 2022 and 2024 RTEP Open Windows described in this Application filing.

timely construction of the new lines would require optimization of the existing corridor in segments,<sup>19</sup> with (1) expanded or new right-of-way and targeted wrecking and rebuilding of certain existing 500 kV and 230 kV lines within the corridor segment as needed, or (2) the full wreck and rebuild of the existing corridor where expanded or new right-of-way is not available within the corridor segment (*i.e.*, the Expanded Corridor Optimization).<sup>20</sup> The Expanded Corridor Optimization segments are as follows:

**Segment 1:** Morrisville Station to Bristers Station (entirely within Fauquier County);

**Segment 2A:** Bristers Station to Bristers Junction (entirely within Fauquier County);

**Segment 2B:** Bristers Junction (Fauquier County) to Vint Hill Station (Prince William County);

**Segment 3:** Vint Hill Station (Prince William County) to Loudoun/Mosby Stations (Loudoun County); and

**Segment 4:** Loudoun/Mosby Stations to Wishing Star Station (entirely within Loudoun County).

The segmentation described above reflects a mitigation of outage availability and permitting risks to timely completion while maintaining a safe and reliable system, as well as an effort to make efficient use of the existing transmission corridor to the maximum extent practicable. Additionally, the segmentation supports the optimization that reasonably minimizes adverse

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<sup>19</sup> Given the length of the proposed Project and the numerous 230 kV delivery points between Morrisville and Wishing Star Stations that must remain in service during construction of the proposed Project, dividing the 36.2-mile corridor into discrete segments sharing similar line design and right-of-way width characteristics increases the likelihood of successful Project completion by making outage scheduling, permitting, material procurement, and project construction more manageable. While the Company initially identified four segments (Segments 1-4), the Company determined in the conceptual design phase that Segment 2's existing and proposed design and right-of-way width characteristics between Bristers Station and Bristers Junction, and between Bristers Junction and Vint Hill Station differed significantly enough (for example, there will be two 500 kV lines between Bristers Station and Bristers Junction and there will be three 500 kV lines between Bristers Junction and Vint Hill Station) to justify further dividing Segment 2 into two parts: Part A and Part B. *See Appendix Attachment I.A.1.a.* For purposes of this Application filing, Bristers Junction is located within the existing transmission corridor where Line #535 enters the corridor, approximately 1.6 miles north of the Bristers and Anderson Branch Stations.

<sup>20</sup> *See supra*, n.10 and n.11, as to the facilities impacted by the Expanded Corridor Optimization.

impacts, including along segments where the proposed Project expands or diverges from the existing corridor.

8. Accordingly, the Project is needed to address violations of NERC Reliability Standards identified by PJM as part of the 2022 and 2024 RTEP cycles, to optimize the existing transmission corridor consistent with Virginia law and Commission guidance to allow for successful timely construction of Lines #5008 and #2464, and to maintain the structural integrity of the transmission system while also providing for future load growth. The identified reliability violations, if not relieved by the Project, will severely impact the transmission system's ability to provide reliable service to customers, including in the load area, which for purposes of this Application, extends north from the Company's Bristers Station to the future Wishing Star Station and includes customers in Fauquier County, Prince William County, and Loudoun County (collectively, the "NOVA Load Area").<sup>21</sup>

9. The total length of the existing Morrisville-Wishing Star Corridor is approximately 36.2 miles, but the total combined length of the Project corridor as proposed will be approximately 37.5 miles after inclusion of the new rights-of-way. The complete route of the proposed Project will be comprised of one route within each segment, all of which will utilize the existing transmission line corridor to the maximum extent practicable, with a combination of expanded and new right-of-way as needed (collectively, the "Project Proposed Route" or the "Proposed Route").<sup>22</sup> The routes within each segment, which include route alternatives where available, are as follows:

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<sup>21</sup> See Appendix Attachment I.A.1.b.

<sup>22</sup> The approximately 37.5-mile Project Proposed Route is comprised of a combination of Segment 1 Proposed Route 1, Segment 2A Proposed Route 1, Segment 2B Proposed Route 1, Segment 3 Mainline Proposed Route 1, Segment 3 Gainesville Proposed Route 1, Segment 3 Pageland Proposed Route 1, and Segment 4 Proposed Route 1, as defined in this Application filing. See Appendix Section II.A.9; see also Appendix Attachment II.A.6.

**Segment 1:** The Company identified one approximately 7.9-mile route for Segment 1, utilizing approximately 7.9 miles of existing and less than 0.1 mile of expanded right-of-way ranging between 235 and 335 feet wide, which is called “Segment 1 Proposed Route 1” or the “Segment 1 Proposed Route.”

**Segment 2A:** The Company identified one approximately 1.6-mile route for Segment 2A, utilizing approximately 1.2 miles of existing 235-foot-wide right-of-way and 0.4 mile of expanded right-of-way ranging between 235 and 370 feet wide, which is called “Segment 2A Proposed Route 1” or the “Segment 2A Proposed Route.”

**Segment 2B:** The Company identified one approximately 10.3-mile route for Segment 2B, utilizing approximately 2.8 miles of existing 240-foot-wide right-of-way, 6.8 miles of expanded right-of-way ranging between 240 and 450 feet wide, and 0.7 mile of new 100-foot-wide right-of-way, which is called “Segment 2B Proposed Route 1” or the “Segment 2B Proposed Route.”

**Segment 3:** The Company identified an approximately 13.3-mile route for Segment 3, referred to as “Segment 3 Proposed Route 1” or the “Segment 3 Proposed Route,” which utilizes a combination of wreck and rebuild, corridor expansion, and greenfield alternatives along three sections of Segment 3, referred to as the Mainline section, the Gainesville section, and the Pageland section. Collectively, the Segment 3 Proposed Route is a combination of the preferred alignment along each of the three sections, as defined below: the Segment 3 Mainline Proposed Route 1,<sup>23</sup> the Segment 3 Gainesville Proposed Route 1, and the Segment 3 Pageland Proposed Route 1. Along the Gainesville and Pageland sections, the Company also identified the following route alternatives: Gainesville Alternative Route 2, Gainesville Alternative Route 3, and Pageland Alternative Route 2. A description of the Segment 3 route alternatives by section is as follows:<sup>24</sup>

***Segment 3 Mainline Proposed Route 1:*** an approximately 6.4-mile (total combined) route of wreck and rebuild and/or corridor expansion, which also is called the “Segment 3 Mainline Proposed Route.” This includes an approximately 1.3-mile segment of wreck and rebuild entirely within existing corridor and approximately 5.1-mile corridor expansion ranging between 10 and 150 feet wide.

***Segment 3 Gainesville Proposed Route 1:*** an approximately 2.7-mile route utilizing 1.9 miles of new 150-foot-wide right-of-way and 0.8 mile of existing right-of-way, which is called “Gainesville Proposed Route 1” or the “Gainesville Proposed Route.”

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<sup>23</sup> Note that while the Gainesville and Pageland sections represent individual contiguous sections within Segment 3, the Mainline section is comprised of two non-contiguous sections within Segment 3 for which there is only one route alternative regardless of the route ultimately selected by the Commission for the Gainesville and Pageland sections. See Appendix Section II.A.9.

<sup>24</sup> See Appendix [Attachment II.A.6](#).

**Segment 3 Gainesville Alternative Route 2:** an approximately 3.6-mile route utilizing 2.9 miles of new 100- to 150-foot-wide right-of-way and 0.7 mile of existing right-of-way, which is called “Gainesville Alternative Route 2.”

**Segment 3 Gainesville Alternative Route 3:** an approximately 3.6-mile route utilizing 2.8 miles of new 100- to 150-foot-wide right-of-way and 0.8 mile of existing right-of-way, which is called “Gainesville Alternative Route 3.”

**Segment 3 Pageland Proposed Route 1:** an approximately 24.2-mile route utilizing 2.7 miles of new 100- to 150-foot-wide right-of-way and 1.5 miles of 85-foot-wide corridor expansion, which is called “Pageland Proposed Route 1” or the “Pageland Proposed Route.”

**Segment 3 Pageland Alternative Route 2:** an approximately 5.2-mile route utilizing 5.0 miles of new 100- to 150-foot-wide right-of-way and 0.2 mile of 85-foot-wide corridor expansion, which is called “Pageland Alternative Route 2.”

**Segment 4:** The Company identified one approximately 4.4-mile route for Segment 4, utilizing approximately 3.9 miles of existing 250-foot-wide right-of-way and 0.5 mile of expanded right-of-way ranging between 250 and 415 feet wide, which is called “Segment 4 Proposed Route 1” or the “Segment 4 Proposed Route.”

10. The Company is offering each of the Proposed and Alternative Routes identified above for Commission consideration and notice. Discussion of all of the route alternatives that Environmental Resources Management (“ERM”) identified and evaluated<sup>25</sup> but rejected are provided in Section 1.5 of the Environmental Routing Study (or “Routing Study”).

11. The estimated conceptual cost of the Project as proposed is approximately \$873.6 million, which includes approximately \$779.6 million for transmission-related work and approximately \$94.0 million for station-related work (2025 dollars).<sup>26</sup> These cost estimates reflect

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<sup>25</sup> The Company retained ERM to review the Morrisville-Wishing Star Corridor and adjacent areas for constraints, identify areas where constraints prevent expansion of the corridor, and identify alternative routes for the Project around constraints that could not be crossed or otherwise avoided through the Expanded Corridor Optimization. ERM’s routing efforts for the Project on behalf of the Company are documented in the Routing Study. The first preliminary review of overhead and underground greenfield options within the Project area was conducted internally by the Company prior to engaging ERM and was not part of ERM’s scope of work for the Project or otherwise evaluated in the Routing Study. See Appendix Section I.A for discussion of the Company’s preliminary greenfield option review.

<sup>26</sup> These total Project costs include the projected real estate costs that the Company anticipates will be required to acquire property rights for the Project as proposed, the transmission-related work described in Appendix

the costs of removing certain facilities and constructing new electric transmission infrastructure as part of the proposed Project. The proposed Project includes removal of certain facilities that are not approaching the end of their service life and are not fully depreciated. The Company plans to seek approval at the Federal Energy Regulatory Commission (“FERC”) for recovery associated with these 500 kV and 230 kV facilities.<sup>27</sup> Potential cost recovery related to these facilities is not included in the costs presented for the Project in this Application.

12. The desired in-service target date for the proposed Project is December 31, 2030.<sup>28</sup> The Company estimates it will take approximately 45 months for detailed engineering, materials procurement, permitting, real estate, and construction after a final order from the Commission. Accordingly, to support this estimated construction timeline and construction plan, the Company respectfully requests a final order by March 31, 2027. Should the Commission issue a final order by March 31, 2027, to accommodate long-lead materials procurement, the Company estimates that construction should begin around April 1, 2027, and be completed by December 31, 2030. This schedule is contingent upon obtaining the necessary permits and outages, the latter of which are and will continue to be challenging in the NOVA Load Area, due to the volume of new load growth, rebuilds, and new builds scheduled to occur in this saturated and heavily loaded area coupled with the magnitude and complexity of the proposed Project and the number of outages

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Section I.F, and the substation-related work described in Appendix Section II.C excluding work defined therein as “other minor station-related work.” The transmission-related and total Project costs also include costs for work associated with the position transfer of Line #2030 and with hardware replacement for Line #5008 within Segment 3. See Appendix Section II.A.5. Note that all Project costs are as to jurisdictional aspects only.

<sup>27</sup> To accommodate the installation of Lines #5008 and #2464 in this corridor, structures which are not fully depreciated must be rebuilt, partially rebuilt, or relocated, including structures and associated facilities supporting Loudoun-Meadow Brook Line #535, Bristers-Morrisville Line #545, Mosby-Wishing Star Line #546, Loudoun-Morrisville Line #569, Mosby-Wishing Star Line #590, and Remington CT-Rollins Ford Line #2114.

<sup>28</sup> The Morrisville-Wishing Star Line #5008 was selected by PJM in the 2022 RTEP, requiring an in-service date of June 1, 2027. Anderson Branch-Morrisville Line #2464 was selected by PJM in the 2024 RTEP, requiring an in-service date of June 1, 2029. The Company believes, however, that an in-service date of December 31, 2030, is more reasonably achievable for the proposed Project. PJM is aware of this necessary delay in constructing the Project.

required for optimization of this critical corridor. Dates may need to be adjusted based on permitting delays or design modifications to comply with additional agency requirements identified during the permitting application process, as well as the ability to schedule outages, and unpredictable delays due to labor shortages, or materials/supply issues. This schedule is also contingent upon the Company's ability to secure necessary property rights within an estimated timeframe.

13. In addition, the Company actively is monitoring regulatory changes and requirements associated with the Northern long-eared bat ("NLEB") and how they could potentially impact construction timing associated with time of year restrictions ("TOYRs"). The U.S. Fish and Wildlife Service ("USFWS") issued the final guidance, replacing the interim guidance, on October 23, 2024, and the final guidance was fully implemented November 30, 2024. The Company is reviewing the final guidance to the extent it applies to the Company's projects and will coordinate with USFWS during the permitting stage.

14. The Company also is monitoring potential regulatory changes associated with the potential up-listing of the Tricolored bat ("TCB"). On September 14, 2022, the USFWS published the proposed rule to the Federal Register to list the TCB as endangered under the Endangered Species Act. USFWS extended its Final Rule issuance target from September 2023 to September 2024, but as of the date of this filing, the TCB listing decision has not been issued. The Company is actively tracking this ruling and evaluating the effects of potential outcomes on Company projects permitting, construction, and in-service dates, including electric transmission projects.

15. The Company also is actively monitoring regulatory changes and requirements associated with the monarch butterfly (*Danaus plexippus*) and the proposed USFWS listing of this species as federally threatened. The Company is anticipating the monarch butterfly will be listed;

therefore, it assumes any regulatory changes associated with the potential listing of the monarch butterfly will affect this Project. On December 12, 2024, the monarch butterfly was proposed to be listed as threatened by the USFWS, and the 90-day public comment period was extended and closed on May 19, 2025. The Company is actively tracking this ruling and evaluating the effects of potential outcomes on the permitting, construction, and in-service dates of Company projects, including electric transmission projects.

16. The Company has been in coordination with National Park Service (or “NPS”) pertaining to potential development of project solutions. The Company has an easement agreement within the NPS property with associated rights that pertain to the existing rights-of-way. Based on the Company’s proposed work within the extent of NPS lands, the Company understands that this work is allowable under the existing easement rights and would utilize a Special Use Permit to complete. Through discussion with NPS and review of the existing easement rights, there is a TOYR from April 1 to July 15 that the Company is factoring into the permitting schedule. The Company will continue to work with NPS for the proposed work on NPS lands.

17. Any adjustments to the Project schedule resulting from these or similar challenges could necessitate a minimum of a six- to twelve-month delay in the targeted in-service date. Accordingly, for purposes of judicial economy, the Company requests that the Commission issue a final order approving both a desired in-service target date (*i.e.*, December 31, 2030) and an authorization sunset date (*i.e.*, December 31, 2031) for energization of the Project.<sup>29</sup> Importantly,

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<sup>29</sup> The Company notes that this request is consistent with the Commission’s findings in other recent proceedings. *See, e.g., Application of Virginia Electric and Power Company for approval of electric transmission facilities: 230 kV Technology Boulevard Lines, Bunker Substation, and Saltwood Switching Station*, Case No. PUR-2025-00042, Final Order (Feb. 19, 2026), approving an in-service date of March 31, 2028, and an authorization sunset date of March 31, 2029, for energization of that project in Ordering Paragraph (8); *Application of Virginia Electric and Power Company for approval of electric transmission facilities: 230 kV Duval-Midlothian Lines and Duval Substation*, Case No. PUR-2025-00073, Final Order (Feb. 9, 2026), approving an in-service date of June 1, 2028, and an authorization sunset date of June 1, 2029, for energization of that project in Ordering Paragraph (8); *Application of*

the request for an authorization sunset date is intended to account for the increasing challenges to approval, permitting, and construction of electric transmission projects that may be beyond the Company's control, such as those described herein. It does not assuage the immediacy of the need for this Project or curtail the Company's commitment to ensure the reliability of its transmission system. The Company continues to believe at this time that it can reasonably achieve the desired in-service target date.

18. Based on consultations with the Virginia Department of Environmental Quality ("DEQ"), the Company has developed a supplement ("DEQ Supplement") containing information designed to facilitate review and analysis of the proposed facilities by the DEQ and other relevant agencies. The DEQ Supplement is attached to this Application.

19. Based on the Company's experience, the advice of consultants, and a review of published studies by experts in the field, the Company believes that there is no causal link to harmful health or safety effects from electric and magnetic fields generated by the Company's existing or proposed facilities. Section IV of the Appendix provides further details on Dominion Energy Virginia's consideration of the health aspects of electric and magnetic fields.

20. Section V of the Appendix provides a proposed route description for public notice purposes and a list of federal, state, and local agencies and officials that the Company has or will notify about the Application.

21. In addition to the information provided in the Appendix, the DEQ Supplement, and the Environmental Routing Study, this Application is supported by the pre-filed direct testimony

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*Virginia Electric and Power Company for approval of electric transmission facilities: Chickahominy-Elmont Line #557 Rebuild and New Future 230 kV Lines, Case No. PUR-2025-00077, Final Order (Jan. 30, 2026), approving an in-service date of December 31, 2028, and an authorization sunset date of December 31, 2029, for energization of that project in Ordering Paragraph (8).*

of Company Witnesses Steven J. Schweiger, Sergio E. De Hoyos Irizarry, Kamlesh A. Joshi, Tracey S. McDonald, and Jared Brandell-Douglas filed with this Application.

22. Dominion Energy Virginia requests that, to the extent the Commission modifies the deadline for responses to interrogatories and requests for production of documents in 5 VAC 5-20-260, the Commission grant the parties at least five business days in order to afford the Company, the Commission Staff, and all parties to the proceeding adequate time to provide comprehensive responses to discovery.

23. Finally, due to the number of public witnesses to sign up to provide public witness testimony in recent proceedings, Dominion Energy Virginia requests for purposes of judicial economy and in order to provide certainty for all counsel and witnesses to the proceeding that the Commission schedule the public witness hearing on a separate date and suggests that it be held approximately one week prior to the commencement of the evidentiary hearing for this proceeding, or on a schedule suitable for the Commission.

WHEREFORE, Dominion Energy Virginia respectfully requests that the Commission:

- (a) direct that notice of this Application be given as required by § 56-46.1 of the Code of Virginia;
- (b) approve pursuant to § 56-46.1 of the Code of Virginia the construction of the Project; and,
- (c) grant a certificate of public convenience and necessity for the Project under the Utility Facilities Act, § 56-265.1 *et seq.* of the Code of Virginia.

**VIRGINIA ELECTRIC AND POWER COMPANY**

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February 27, 2026

COMMONWEALTH OF VIRGINIA  
BEFORE THE  
STATE CORPORATION COMMISSION

APPLICATION OF  
VIRGINIA ELECTRIC AND POWER COMPANY  
FOR APPROVAL AND CERTIFICATION  
OF ELECTRIC TRANSMISSION FACILITIES

500 kV Morrisville-Wishing Star Line #5008,  
230 kV Anderson Branch-Morrisville Line #2464,  
Expanded Corridor Optimization and Related Projects

Application No. 357

Appendix

Containing Information in Response to  
“Guidelines for Transmission Line Applications Filed Under Title 56 of the Code of Virginia”

Case No. PUR-2026-00021

Filed: February 27, 2026

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## EXECUTIVE SUMMARY

In order to relieve violations of mandatory North American Electric Reliability Corporation (“NERC”) Reliability Standards identified during the 2022 Regional Transmission Expansion Plan (“RTEP”) Open Window #3 and 2024 RTEP Open Window #1, to optimize the existing transmission corridor consistent with Virginia law and State Corporation Commission (“Commission”) guidance, and to maintain the structural integrity and reliability of the transmission system while also providing for future load growth, Virginia Electric and Power Company (“Dominion Energy Virginia” or the “Company”) proposes in the Counties of Fauquier, Prince William, and Loudoun, Virginia, to:

- (1) Construct one new overhead 500 kilovolt (“kV”) single circuit transmission line extending approximately 36.6 miles between the Company’s Morrisville Station<sup>1</sup> and Wishing Star Station<sup>2</sup> (“Morrisville-Wishing Star Line #5008” or “Line #5008”). Line #5008 will be supported primarily by single circuit 500 kV dulled galvanized steel monopoles and will utilize three-phase triple-bundled 1351.5 Aluminum Conductor Steel Supported/Trapezoidal Wire/High Strength 285 (“ACSS/TW/HS285”) type conductor with a summer transfer capability of 4,357 megavolt amperes (“MVA”<sup>3</sup>).<sup>4</sup>
- (2) Construct one new overhead 230 kV single circuit transmission line extending approximately 8.1 miles between the Company’s Morrisville Station and Anderson Branch Station<sup>5</sup> (“Anderson Branch-Morrisville Line #2464” or “Line #2464”)

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<sup>1</sup> Due to the numerous existing and future substations, switching stations, and delivery points (“DPs”) discussed herein, all such facilities will be referred to individually as “Station” or collectively as “Stations” for purposes of this Application filing to avoid confusion or error.

<sup>2</sup> See *Application of Virginia Electric and Power Company for approval and certification of electric transmission facilities: 500-230 kV Wishing Star Substation, 500 kV and 230 kV Mars-Wishing Star Lines, 500-230 kV Mars Substation, and Mars 230 kV Loop*, Case No. PUR-2022-00183, Final Order (Apr. 5, 2023). The Company notes that Wishing Star and Mars are switching stations as that term has been used in previous applications, as they do not contain distribution equipment, but will be referred to herein as the Wishing Star Station and Mars Station. See *supra*, n.1. Construction activities were completed for the 500 kV facilities for the Wishing Star Station in December 2025. While station completion will occur in June 2026, the Company refers to Wishing Star Station as “existing” for purposes of this filing as construction is substantially complete. See *Application of Virginia Electric and Power Company for approval and certification of electric transmission facilities: 500-230 kV Wishing Star Substation, 500 kV and 230 kV Mars-Wishing Star Lines, 500-230 kV Mars Substation, and Mars 230 kV Loop*, Case No. PUR-2022-00183, Motion for Extension of Construction and In-Service Date (Oct. 1, 2025) and Order Granting Motion (Dec. 23, 2025).

<sup>3</sup> Apparent power, measured in MVA, is made up of real power (megawatt or “MW”) and reactive power (megavolt ampere reactive or “MVAR”).

<sup>4</sup> The Company is proposing to utilize this advanced conductor on all of the 500 kV lines being built or rebuilt as part of the proposed Project, as defined herein. These new and rebuilt 500 kV lines will have a Maximum Operating Temperature (“MOT”) of 145°C and be capable of operating at 6,000 amps (“A”), with a summer transfer capability of 5,196 MVA. Due to the MOT capability of this advanced conductor, these proposed new and rebuilt 500 kV lines will be installed using high temperature hardware. As the Company’s existing 500 kV stations and remaining 500 kV lines are not engineered presently to operate at 6000A, the new and rebuilt 500 kV lines proposed as part of this Application initially will be limited to an MOT of 112°C and capable of operating at 5,000A, with a summer transfer capability of 4,357 MVA, based on existing line and station limitations.

<sup>5</sup> The Company anticipates that the Anderson Branch Station will be energized in June 2026.

primarily collocated on 500/230 kV (“5/2 configured”<sup>6</sup>) double circuit dulled galvanized steel monopoles with rebuilt Line #569.<sup>7</sup> Line #2464 will be constructed utilizing three-phase twin-bundled 768.2 Aluminum Conductor Steel Supported/Trapezoidal Wire/High Strength (“ACSS/TW/HS”) type conductor with a summer transfer capability of 1,573 MVA.

- (3) Optimize<sup>8</sup> an existing transmission line corridor between the Morrisville and Wishing Star Stations (the “Morrisville-Wishing Star Corridor”)<sup>9</sup> in order to accommodate installation of proposed Line #5008 and Line #2464 through the rebuild or partial rebuild of various existing 500 kV and 230 kV lines,<sup>10</sup> and line terminal upgrades and/or equipment installations at various existing stations,<sup>11</sup> including expansion of the Morrisville Station within the Company’s existing property rights<sup>12</sup> (the “Expanded Corridor Optimization”) consistent with Virginia law and Commission guidance.<sup>13</sup>

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<sup>6</sup> A “5/2” configuration means that the supporting structures will be aligned such that one position of the structure will have a 500 kV circuit and one position will have a 230 kV circuit. *See, e.g., Attachment II.B.3.a.*

<sup>7</sup> *See infra*, n.10.

<sup>8</sup> Note that, for purposes of this filing, “optimize,” “optimized,” “optimizing,” and “optimization” are non-technical terms used in this submission intended to simplify the description of the proposed wreck, rearrangement, and rebuild of existing transmission facilities within the existing corridor in order to install a new 500 kV line and a new 230 kV line within the existing right-of-way or within the Company’s existing property rights to the maximum extent practicable based on constructability challenges, such as the availability of outages for the duration of construction and permitting. The terms are not intended to have any engineering or encroachment implications.

<sup>9</sup> The existing Morrisville-Wishing Star Corridor is approximately 36.2 miles in length and typically varies in width between 235 and 250 feet, except for one approximately 1.5-mile section that is 335 feet wide located in Segment 1 (as defined herein) in Fauquier County. Note that there are other sections of variable width corridor where additional right-of-way is necessary to accommodate existing transmission line and station interconnections throughout the remainder of the corridor in Fauquier, Prince William, and Loudoun Counties. *See Attachment II.A.6.*

<sup>10</sup> The Expanded Corridor Optimization (as defined herein) includes the rebuild or partial rebuild of the following existing lines, which are located at various points within the existing transmission corridor: Loudoun-Meadow Brook Line #535, Bristers-Morrisville Line #545, Mosby-Wishing Star Line #546, Loudoun-Morrisville Line #569, Mosby-Wishing Star Line #590, Gainesville-Loudoun Line #2030, Marsh Run CT-Morrisville Line #2039, Marsh Run CT-Morrisville Line #2040, Loudoun-Northstar Line #2045, Loudoun-Racefield Line #2094, Bristers-Vint Hill Line #2101, Remington CT-Rollins Ford Line #2114, Loudoun-Youngs Branch Line #2140, Liberty-Vint Hill Line #2163, Gainesville-Heathcote Line #2176, Gainesville-Rollins Ford Line #2222, Brambleton-Racefield Line #2227, and Brambleton-Northstar #2319. *See Section I.F.*

<sup>11</sup> The Expanded Corridor Optimization (as defined herein) includes line terminal upgrades and/or equipment installations at the following stations: Bristers, Morrisville, and Wishing Star. Note that the upgrades planned at Morrisville Station will require expansion of the station within the Company’s existing property rights as currently designed. *See Section II.C* for discussion of this station work required for the Project, as well as discussion regarding stations where other minor station-related work will be performed.

<sup>12</sup> The Company continues to coordinate with Fauquier County regarding expansion of the Morrisville Station within the Company’s existing property rights as currently designed to accommodate termination of proposed Line #5008 at the station and will submit an updated application to the Fauquier County Planning Commission for all requisite approvals of the expansion.

<sup>13</sup> This optimization approach generally minimizes impacts on the natural and human environments, and is consistent with Commission guidance provided in Attachment 1 of these *Guidelines for Transmission Line Applications Filed Under Title 56 of the Code of Virginia* (“Guidelines”). Specifically, this approach is consistent with Guideline #1, which states that existing rights-of-way should be given priority when adding new transmission facilities, and §§ 56-

Through this optimization of the existing Morrisville-Wishing Star Corridor, installation of Line #5008 will be primarily within the existing variable-width corridor with a combination of existing, expanded, and new right-of-way, as needed, or within the Company's existing property rights, and installation of Line #2464 will be entirely within the primarily 235-foot-wide right-of-way corridor<sup>14</sup> or within the Company's existing property rights. The total length of the Project corridor as proposed is approximately 37.5 miles long, which includes approximately 17.9 miles entirely within the existing corridor, approximately 14.3 miles within expanded right-of-way either directly adjacent to the existing corridor or other existing Company property rights, and approximately 5.3 miles of new right-of-way not adjacent to the existing corridor or other existing Company property rights. In the expanded right-of-way areas, the expansion will range from 3 feet to up to 230 feet, with most expansion areas being either a 65-foot-eastern or an 85-foot-western expansion, resulting in a 305- to 325-foot-wide post-Project total right-of-way width in expansion areas.<sup>15</sup> The right-of-way expansion areas also include variable width areas needed to facilitate transitions between various transmission line configurations or to avoid specific constraints. New right-of-way areas will entail 100- to 150-foot-wide greenfield rights-of-way.<sup>16</sup>

Morrisville-Wishing Star Line #5008, Anderson Branch-Morrisville Line #2464, and the Expanded Corridor Optimization are collectively referred to as the "Morrisville-Wishing Star 500-230 kV Electric Transmission Project" or the "Project."

During the 2022 and 2024 RTEP planning processes, PJM Interconnection, L.L.C. ("PJM") identified the need for a new 500 kV line between the Morrisville and Wishing Star Stations (specifically, in the 2022 RTEP Open Window #3) and a new 230 kV line between the Morrisville and Anderson Branch Stations (specifically, in the 2024 RTEP Open Window #1) in order to address violations of NERC Reliability Standards, and to maintain the structural integrity and reliability of the transmission system while also providing for future load growth.

In development of a potential routing option for the new 500 kV line between the Morrisville and Wishing Star Stations to submit to PJM to address the violations identified in the 2022 RTEP, the Company first preliminarily reviewed, but rejected, overhead and underground greenfield options within the Project area.<sup>17</sup> The Company next reviewed the existing area rights-of-way and determined that a new 500 kV line could be installed within the existing Morrisville-Wishing Star

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46.1 and 56-259 of the Code of Virginia ("Va. Code" or "Code"), which promote the use of existing rights-of-way for new transmission facilities.

<sup>14</sup> See *supra*, n.9.

<sup>15</sup> Where new or expanded right-of-way is needed on the western side of the existing Morrisville-Wishing Star Corridor, existing 500 kV and 230 kV lines would be relocated within the new or expanded right-of-way and the proposed Line #5008 would be placed in the easternmost position within the existing right-of-way. As such, the length of Line #5008 (approximately 36.6 miles), the total length of the corridor needed for the Project as proposed (approximately 37.5 miles), and the length of the existing Morrisville-Wishing Star Corridor (approximately 36.2 miles) are different. The existing lines to be relocated in whole or in part at various locations within the new or expanded right-of-way include Line #535, Line #569, Line #2114, Line #2140, Line #2176, and Line #2222.

<sup>16</sup> See Section I.A and Attachment II.A.6.

<sup>17</sup> See Section I.A and Attachment I.A.2.

Corridor by wrecking and rebuilding all of the existing 500 kV, 230 kV, and 115 kV lines in the corridor and performing work at various stations along the corridor. This solution, which was included in the 2023 RTEP approved by the PJM Board of Managers (the “PJM Board”) at its board meeting on December 11, 2023, later included the new 230 kV line between the Morrisville and Anderson Branch Stations needed to address violations identified in the 2024 RTEP.<sup>18</sup>

Importantly, the existing transmission lines between Morrisville and Wishing Star Stations constitute a vital corridor within Dominion Energy Virginia’s electric grid, facilitating the flow of power into the Project load area. Losing this segment of the grid can be likened to closing Interstate 95 and Route 1—while alternative pathways for transfer exist, the loss of this single corridor can have significant and far-reaching consequences. Planned outages, particularly on circuits that share common transmission towers, combined with any unplanned faults on adjacent lines, result in the redistribution of electrical load onto the remaining circuits. While each circuit within this corridor may be managed individually and in isolation, planning studies have shown that the simultaneous removal of multiple circuits—under certain loading conditions—can routinely push neighboring lines beyond their thermal limits. This scenario has the potential to result in a cascading failure: one overloaded line trips, its power flow shifts to another circuit, which then becomes overloaded and trips as well, continuing in sequence until the network experiences a widespread collapse.

Given the criticality of the Morrisville-Wishing Star Corridor and the existing 500 kV lines running south to north in particular, the Company assessed constructability challenges, such as the availability of outages for the duration of construction and permitting, to determine the probability of timely construction of proposed Lines #5008 and #2464 entirely within the existing corridor while maintaining a safe and reliable system. The Company determined that successful timely construction of the new lines would require optimization of the existing corridor in segments,<sup>19</sup> with (1) expanded or new right-of-way and targeted wrecking and rebuilding of certain existing 500 kV and 230 kV lines within the corridor segment as needed, or (2) the full wreck and rebuild of the existing corridor where expanded or new right-of-way is not available within the corridor

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<sup>18</sup> To be clear, Line #5008 (included in the 2023 RTEP approved by the PJM Board) and Line #2464 (included in the 2025 RTEP approved by the PJM Board) are required to solve the violations identified in the 2022 RTEP Open Window #3 and the 2024 RTEP Open Window #1, respectively. *See* Section I.J for an overview and chronology of the evolution of the Project, including changes to scope. While the full wreck and rebuild of all of the existing lines in the entire Morrisville-Wishing Star Corridor offers the additional benefit of reconductoring those existing lines to current standards, it was proposed by the Company because it allows for the location of Lines #5008 and #2464 within the existing corridor to the maximum extent practicable, not because it contributes to solving the violations identified by PJM in the 2022 and 2024 RTEP Open Windows described herein.

<sup>19</sup> Given the length of the proposed Project and the numerous 230 kV delivery points between Morrisville and Wishing Star Stations that must remain in service during construction of the proposed Project, dividing the 36.2-mile corridor into discrete segments sharing similar line design and right-of-way width characteristics increases the likelihood of successful Project completion by making outage scheduling, permitting, material procurement, and project construction more manageable. While the Company initially identified four segments (Segments 1-4), the Company determined in the conceptual design phase that Segment 2’s existing and proposed design and right-of-way width characteristics between Bristers Station and Bristers Junction, and between Bristers Junction and Vint Hill Station differed significantly enough (for example, there will be two 500 kV lines between Bristers Station and Bristers Junction and there will be three 500 kV lines between Bristers Junction and Vint Hill Station) to justify further dividing Segment 2 into two parts: Part A and Part B. *See Attachment I.A.1.a.* For purposes of this Application filing, Bristers Junction is located within the existing transmission corridor where Line #535 enters the corridor, approximately 1.6 miles north of the Bristers and Anderson Branch Stations.

segment (*i.e.*, the Expanded Corridor Optimization).<sup>20</sup> The Expanded Corridor Optimization segments are as follows:

**Segment 1:** Morrisville Station to Bristers Station (entirely within Fauquier County);

**Segment 2A:** Bristers Station to Bristers Junction (entirely within Fauquier County);

**Segment 2B:** Bristers Junction (Fauquier County) to Vint Hill Station (Prince William County);

**Segment 3:** Vint Hill Station (Prince William County) to Loudoun/Mosby Stations (Loudoun County); and

**Segment 4:** Loudoun/Mosby Stations to Wishing Star Station (entirely within Loudoun County).

The segmentation described above reflects a mitigation of outage availability and permitting risks to timely completion while maintaining a safe and reliable system, as well as an effort to make efficient use of the existing transmission corridor to the maximum extent practicable. Additionally, the segmentation supports the optimization that reasonably minimizes adverse impacts, including along segments where the proposed Project expands or diverges from the existing corridor.

Accordingly, the Project is needed to address violations of NERC Reliability Standards identified by PJM as part of the 2022 and 2024 RTEP cycles, to optimize the existing transmission corridor consistent with Virginia law and Commission guidance to allow for successful timely construction of Lines #5008 and #2464, and to maintain the structural integrity of the transmission system while also providing for future load growth. The identified reliability violations, if not relieved by the Project, will severely impact the transmission system's ability to provide reliable service to customers, including in the load area, which for purposes of this Application, extends north from the Company's Bristers Station to the future Wishing Star Station and includes customers in Fauquier County, Prince William County, and Loudoun County (collectively, the "NOVA Load Area").<sup>21</sup>

The total length of the existing Morrisville-Wishing Star Corridor is approximately 36.2 miles, but the total combined length of the Project corridor as proposed will be approximately 37.5 miles after inclusion of the new rights-of-way. The complete route of the proposed Project will be comprised of one route within each segment, all of which will utilize the existing transmission line corridor to the maximum extent practicable, with a combination of expanded and new right-of-way as needed (collectively, the "Project Proposed Route" or the "Proposed Route").<sup>22</sup> The routes within each segment, which include route alternatives where available, are as follows:

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<sup>20</sup> See *supra*, n.10 and n.11, as to the facilities impacted by the Expanded Corridor Optimization.

<sup>21</sup> See Attachment 1.A.1.b.

<sup>22</sup> The approximately 37.5-mile Project Proposed Route is comprised of a combination of Segment 1 Proposed Route 1, Segment 2A Proposed Route 1, Segment 2B Proposed Route 1, Segment 3 Mainline Proposed Route 1, Segment 3

**Segment 1:** The Company identified one approximately 7.9-mile route for Segment 1, utilizing approximately 7.9 miles of existing and less than 0.1 mile of expanded right-of-way ranging between 235 and 335 feet wide, which is called “Segment 1 Proposed Route 1” or the “Segment 1 Proposed Route.”

**Segment 2A:** The Company identified one approximately 1.6-mile route for Segment 2A, utilizing approximately 1.2 miles of existing 235-foot-wide right-of-way and 0.4 mile of expanded right-of-way ranging between 235 and 370 feet wide, which is called “Segment 2A Proposed Route 1” or the “Segment 2A Proposed Route.”

**Segment 2B:** The Company identified one approximately 10.3-mile route for Segment 2B, utilizing approximately 2.8 miles of existing 240-foot-wide right-of-way, 6.8 miles of expanded right-of-way ranging between 240 and 450 feet wide, and 0.7 mile of new 100-foot-wide right-of-way, which is called “Segment 2B Proposed Route 1” or the “Segment 2B Proposed Route.”

**Segment 3:** The Company identified an approximately 13.3-mile route for Segment 3, referred to as “Segment 3 Proposed Route 1” or the “Segment 3 Proposed Route,” which utilizes a combination of wreck and rebuild, corridor expansion, and greenfield alternatives along three sections of Segment 3, referred to as the Mainline section, the Gainesville section, and the Pageland section. Collectively, the Segment 3 Proposed Route is a combination of the preferred alignment along each of the three sections, as defined below: the Segment 3 Mainline Proposed Route 1,<sup>23</sup> the Segment 3 Gainesville Proposed Route 1, and the Segment 3 Pageland Proposed Route 1. Along the Gainesville and Pageland sections, the Company also identified the following route alternatives: Gainesville Alternative Route 2, Gainesville Alternative Route 3, and Pageland Alternative Route 2. A description of the Segment 3 route alternatives by section is as follows:<sup>24</sup>

***Segment 3 Mainline Proposed Route 1:*** an approximately 6.4-mile (total combined) route of wreck and rebuild and/or corridor expansion, which also is called the “Segment 3 Mainline Proposed Route.” This includes an approximately 1.3-mile segment of wreck and rebuild entirely within existing corridor and approximately 5.1-mile corridor expansion ranging between 10 and 150 feet wide.

***Segment 3 Gainesville Proposed Route 1:*** an approximately 2.7-mile route utilizing 1.9 miles of new 150-foot-wide right-of-way and 0.8 mile of existing right-of-way, which is called “Gainesville Proposed Route 1” or the “Gainesville Proposed Route.”

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Gainesville Proposed Route 1, Segment 3 Pageland Proposed Route 1, and Segment 4 Proposed Route 1, as defined herein. See Section II.A.9; see also [Attachment II.A.6](#).

<sup>23</sup> Note that while the Gainesville and Pageland sections represent individual contiguous sections within Segment 3, the Mainline section is comprised of two non-contiguous sections within Segment 3 for which there is only one route alternative regardless of the route ultimately selected by the Commission for the Gainesville and Pageland sections. See Section II.A.9.

<sup>24</sup> See [Attachment II.A.6](#).

**Segment 3 Gainesville Alternative Route 2:** an approximately 3.6-mile route utilizing 2.9 miles of new 100- to 150-foot-wide right-of-way and 0.7 mile of existing right-of-way, which is called “Gainesville Alternative Route 2.”

**Segment 3 Gainesville Alternative Route 3:** an approximately 3.6-mile route utilizing 2.8 miles of new 100- to 150-foot-wide right-of-way and 0.8 mile of existing right-of-way, which is called “Gainesville Alternative Route 3.”

**Segment 3 Pageland Proposed Route 1:** an approximately 24.2-mile route utilizing 2.7 miles of new 100- to 150-foot-wide right-of-way and 1.5 miles of 85-foot-wide corridor expansion, which is called “Pageland Proposed Route 1” or the “Pageland Proposed Route.”

**Segment 3 Pageland Alternative Route 2:** an approximately 5.2-mile route utilizing 5.0 miles of new 100- to 150-foot-wide right-of-way and 0.2 mile of 85-foot-wide corridor expansion, which is called “Pageland Alternative Route 2.”

**Segment 4:** The Company identified one approximately 4.4-mile route for Segment 4, utilizing approximately 3.9 miles of existing 250-foot-wide right-of-way and 0.5 mile of expanded right-of-way ranging between 250 and 415 feet wide, which is called “Segment 4 Proposed Route 1” or the “Segment 4 Proposed Route.”

The table below provides a summary of the Project route alternatives.

**Project Route Alternatives Summary Table**  
(miles, approximate)

Segment	Route Alternatives	Summary	Mileage
1	<b>Segment 1 Proposed Route 1</b>	Wreck and rebuild within existing rights-of-way and expansion of the existing corridor	7.9
2A	<b>Segment 2A Proposed Route 1</b>	Wreck and rebuild within existing rights-of-way and expansion of the existing corridor	1.6
2B	<b>Segment 2B Proposed Route 1</b>	Wreck and rebuild within existing rights-of-way and expansion of the existing corridor	10.3
3	<b>Segment 3 Proposed Route 1</b>	Wreck and rebuild, corridor expansion, and new rights-of-way comprised of the Mainline Proposed Route 1, Gainesville Proposed Route 1, and Pageland Proposed Route 1	13.3
	Segment 3 Mainline Proposed Route 1	Wreck and rebuild within existing rights-of-way and expansion of the existing corridor	6.1
	Gainesville Proposed Route 1	New and existing right-of-way	2.7
	Gainesville Alternative Route 2	New and existing right-of-way	3.6
	Gainesville Alternative Route 3	New right-of-way	3.6
	Pageland Proposed Route 1	New right-of-way and expansion of existing corridor	4.2
	Pageland Alternative Route 2	New right-of-way	5.2
4	<b>Segment 4 Proposed Route 1</b>	Wreck and rebuild within existing rights-of-way	4.4

The Company is offering each of the Proposed and Alternative Routes identified in the table above for Commission consideration and notice. Discussion of all of the route alternatives that Environmental Resources Management (“ERM”) identified and evaluated<sup>25</sup> but rejected are provided in Section 1.5 of the Environmental Routing Study (or “Routing Study”).

The estimated conceptual cost of the Project as proposed is approximately \$873.6 million, which includes approximately \$779.6 million for transmission-related work and approximately \$94.0 million for station-related work (2025 dollars).<sup>26</sup> These cost estimates reflect the costs of removing certain facilities and constructing new electric transmission infrastructure as part of the proposed Project. The proposed Project includes removal of certain facilities that are not approaching the end of their service life and are not fully depreciated. The Company plans to seek approval at the Federal Energy Regulatory Commission (“FERC”) for recovery associated with these 500 kV and 230 kV facilities.<sup>27</sup> Potential cost recovery related to these facilities is not included in the costs presented for the Project herein.

The desired in-service target date for the proposed Project is December 31, 2030.<sup>28</sup> The Company estimates it will take approximately 45 months for detailed engineering, materials procurement, permitting, real estate, and construction after a final order from the Commission. Accordingly, to support this estimated construction timeline and construction plan, the Company respectfully requests a final order by March 31, 2027. Should the Commission issue a final order by March 31, 2027, to accommodate long-lead materials procurement, the Company estimates that construction should begin around April 1, 2027, and be completed by December 31, 2030. This schedule is contingent upon obtaining the necessary permits and outages, the latter of which are and will continue to be challenging in the NOVA Load Area, due to the volume of new load growth, rebuilds, and new builds scheduled to occur in this saturated and heavily loaded area coupled with the magnitude and complexity of the proposed Project and the number of outages required for optimization of this critical corridor. Dates may need to be adjusted based on

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<sup>25</sup> The Company retained ERM to review the Morrisville-Wishing Star Corridor and adjacent areas for constraints, identify areas where constraints prevent expansion of the corridor, and identify alternative routes for the Project around constraints that could not be crossed or otherwise avoided through the Expanded Corridor Optimization. ERM’s routing efforts for the Project on behalf of the Company are documented in the Routing Study. The first preliminary review of overhead and underground greenfield options within the Project area was conducted internally by the Company prior to engaging ERM and was not part of ERM’s scope of work for the Project or otherwise evaluated in the Routing Study. See Section I.A for discussion of the Company’s preliminary greenfield option review.

<sup>26</sup> These total Project costs include the projected real estate costs that the Company anticipates will be required to acquire property rights for the Project as proposed, the transmission-related work described in Section I.F, and the substation-related work described in Section II.C excluding work defined therein as “other minor station-related work.” The transmission-related and total Project costs also include costs for work associated with the position transfer of Line #2030 and with hardware replacement for Line #5008 (*see infra*, n.80) within Segment 3. Note that all Project costs are as to jurisdictional aspects only.

<sup>27</sup> To accommodate the installation of Lines #5008 and #2464 in this corridor, structures which are not fully depreciated must be rebuilt, partially rebuilt, or relocated, including structures and associated facilities supporting Loudoun-Meadow Brook Line #535, Bristers-Morrisville Line #545, Mosby-Wishing Star Line #546, Loudoun-Morrisville Line #569, Mosby-Wishing Star Line #590, and Remington CT-Rollins Ford Line #2114.

<sup>28</sup> The Morrisville-Wishing Star Line #5008 was selected by PJM in the 2022 RTEP, requiring an in-service date of June 1, 2027. Anderson Branch-Morrisville Line #2464 was selected by PJM in the 2024 RTEP, requiring an in-service date of June 1, 2029. The Company believes, however, that an in-service date of December 31, 2030, is more reasonably achievable for the proposed Project. PJM is aware of this necessary delay in constructing the Project.

permitting delays or design modifications to comply with additional agency requirements identified during the permitting application process, as well as the ability to schedule outages, and unpredictable delays due to labor shortages, or materials/supply issues. This schedule is also contingent upon the Company's ability to secure necessary property rights within an estimated timeframe.

In addition, the Company actively is monitoring regulatory changes and requirements associated with the Northern long-eared bat ("NLEB") and how they could potentially impact construction timing associated with time of year restrictions ("TOYRs"). The U.S. Fish and Wildlife Service ("USFWS") issued the final guidance, replacing the interim guidance, on October 23, 2024, and the final guidance was fully implemented November 30, 2024. The Company is reviewing the final guidance to the extent it applies to the Company's projects and will coordinate with USFWS during the permitting stage.

The Company also is monitoring potential regulatory changes associated with the potential up-listing of the Tricolored bat ("TCB"). On September 14, 2022, the USFWS published the proposed rule to the Federal Register to list the TCB as endangered under the Endangered Species Act. USFWS extended its Final Rule issuance target from September 2023 to September 2024, but as of the date of this filing, the TCB listing decision has not been issued. The Company is actively tracking this ruling and evaluating the effects of potential outcomes on Company projects permitting, construction, and in-service dates, including electric transmission projects.

The Company also is actively monitoring regulatory changes and requirements associated with the monarch butterfly (*Danaus plexippus*) and the proposed USFWS listing of this species as federally threatened. The Company is anticipating the monarch butterfly will be listed; therefore, it assumes any regulatory changes associated with the potential listing of the monarch butterfly will affect this Project. On December 12, 2024, the monarch butterfly was proposed to be listed as threatened by the USFWS, and the 90-day public comment period was extended and closed on May 19, 2025. The Company is actively tracking this ruling and evaluating the effects of potential outcomes on the permitting, construction, and in-service dates of Company projects, including electric transmission projects.

The Company has been in coordination with the National Park Service (or "NPS") pertaining to potential development of project solutions. The Company has an easement agreement within the NPS property with associated rights that pertain to the existing rights-of-way. Based on the Company's proposed work within the extent of NPS lands, the Company understands that this work is allowable under the existing easement rights and would utilize a Special Use Permit to complete. Through discussion with NPS and review of the existing easement rights, there is a TOYR from April 1 to July 15 that the Company is factoring into the permitting schedule. The Company will continue to work with NPS for the proposed work on NPS lands.<sup>29</sup>

Any adjustments to the Project schedule resulting from these or similar challenges could necessitate a minimum of a six- to twelve-month delay in the targeted in-service date. Accordingly, for purposes of judicial economy, the Company requests that the Commission issue a final order approving both a desired in-service target date (*i.e.*, December 31, 2030) and an

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<sup>29</sup> See *infra*, n.80 and n.85.

authorization sunset date (*i.e.*, December 31, 2031) for energization of the Project.<sup>30</sup> Importantly, the request for an authorization sunset date is intended to account for the increasing challenges to approval, permitting, and construction of electric transmission projects that may be beyond the Company's control, such as those described herein. It does not assuage the immediacy of the need for this Project or curtail the Company's commitment to ensure the reliability of its transmission system. The Company continues to believe at this time that it can reasonably achieve the desired in-service target date.

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<sup>30</sup> The Company notes that this request is consistent with the Commission's findings in other recent proceedings. *See, e.g., Application of Virginia Electric and Power Company for approval of electric transmission facilities: 230 kV Technology Boulevard Lines, Bunker Substation, and Saltwood Switching Station*, Case No. PUR-2025-00042, Final Order (Feb. 19, 2026), approving an in-service date of March 31, 2028, and an authorization sunset date of March 31, 2029, for energization of that project in Ordering Paragraph (8); *Application of Virginia Electric and Power Company for approval of electric transmission facilities: 230 kV Duval-Midlothian Lines and Duval Substation*, Case No. PUR-2025-00073, Final Order (Feb. 9, 2026), approving an in-service date of June 1, 2028, and an authorization sunset date of June 1, 2029, for energization of that project in Ordering Paragraph (8); *Application of Virginia Electric and Power Company for approval of electric transmission facilities: Chickahominy-Elmont Line #557 Rebuild and New Future 230 kV Lines*, Case No. PUR-2025-00077, Final Order (Jan. 30, 2026), approving an in-service date of December 31, 2028, and an authorization sunset date of December 31, 2029, for energization of that project in Ordering Paragraph (8).

**I. NECESSITY FOR THE PROPOSED PROJECT**

- A. State the primary justification for the proposed project (for example, the most critical contingency violation including the first year and season in which the violation occurs). In addition, identify each transmission planning standard(s) (of the Applicant, regional transmission organization (“RTO”), or North American Electric Reliability Corporation) projected to be violated absent construction of the facility.**

Response: The Project is needed to address violations of NERC Reliability Standards identified by PJM as part of the 2022 and 2024 RTEP cycles, to optimize the existing transmission corridor consistent with Virginia law and Commission guidance, and to maintain the structural integrity and reliability of the transmission system while also providing for future load growth. See Attachment I.A.1.a for an overview map of the Project segments and Attachment I.A.1.b for an overview map showing the Project and general boundaries of the NOVA Load Area as defined herein.

Dominion Energy Virginia’s transmission system is responsible for providing transmission service (i) for redelivery to the Company’s retail customers; (ii) to Appalachian Power Company, Old Dominion Electric Cooperative, Northern Virginia Electric Cooperative (“NOVEC”), Rappahannock Electric Cooperative (“REC”), and Virginia Municipal Electric Association for redelivery to their retail customers in Virginia; and, (iii) to North Carolina Electric Membership Corporation and North Carolina Eastern Municipal Power Agency for redelivery to their customers in North Carolina (collectively, the “DOM Zone”). The Company needs to be able to maintain the overall, long-term reliability of its transmission system as its customers require more power in the future.

Dominion Energy Virginia is part of the PJM regional transmission organization (“RTO”), which provides service to a large portion of the eastern United States. PJM is currently responsible for ensuring the reliability and coordinating the movement of electricity through all or parts of Delaware, Illinois, Indiana, Kentucky, Maryland, Michigan, New Jersey, North Carolina, Ohio, Pennsylvania, Tennessee, Virginia, West Virginia, and the District of Columbia. This service area has a population of approximately 65 million and, on August 2, 2006, set a record high of 165,563 MW for summer peak demand, of which Dominion Energy Virginia’s load portion was approximately 19,256 MW. On June 24, 2025, the DOM Zone set a record high of 23,826 MW for summer peak demand. On February 9, 2026, the DOM Zone set a preliminary winter and all-time record demand of 25,168 MW. Based on the 2026 PJM Load Forecast, the DOM Zone is expected to grow with average growth rates of 5.4% summer and 5.1% winter over the next 10 years compared to the PJM average of 3.6% and 4.0% over the same

period for the summer and winter, respectively.<sup>31</sup>

Dominion Energy Virginia is also part of the Eastern Interconnection transmission grid, meaning its transmission system is interconnected, directly or indirectly, with all of the other transmission systems in the United States and Canada between the Rocky Mountains and the Atlantic coast, except for Quebec and most of Texas. All of the transmission systems in the Eastern Interconnection are dependent on each other for moving bulk power through the transmission system and for reliability support. Dominion Energy Virginia's service to its customers is extremely reliant on a robust and reliable regional transmission system.

NERC has been designated by FERC as the electric reliability organization for the United States. Accordingly, NERC requires that the planning authority and transmission planner develop planning criteria to ensure compliance with NERC Reliability Standards. Mandatory NERC Reliability Standards require that a transmission owner ("TO") develop facility interconnection requirements that identify load and generation interconnection minimum requirements for a TO's transmission system, as well as the TO's reliability criteria.<sup>32</sup>

Federally mandated NERC Reliability Standards constitute minimum criteria with which all public utilities must comply as components of the interstate electric transmission system. Moreover, the Energy Policy Act of 2005 mandates that electric utilities must follow these NERC Reliability Standards and imposes fines on utilities found to be in noncompliance up to \$1.3 million a day per violation.

PJM's RTEP is the culmination of a FERC-approved annual transmission planning process that includes extensive analysis of the electric transmission system to determine any needed improvements.<sup>33</sup> PJM's annual RTEP is based on the effective criteria in place at the time of the analyses, including applicable standards and criteria of NERC, PJM, and local reliability planning criteria, among others.<sup>34</sup> Projects identified through the RTEP process are developed by TO in coordination with PJM, and are presented at the Transmission Expansion Advisory Committee ("TEAC") meetings prior to inclusion in the RTEP, which is then presented for approval to the PJM Board of Managers (*i.e.*, the PJM Board).

Outcomes of the RTEP process include three types of transmission system upgrades or projects: (i) baseline upgrades are those that resolve a system reliability criteria

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<sup>31</sup> A copy of the 2026 PJM Load Forecast is available at the following: <https://www.pjm.com/-/media/DotCom/library/reports-notice/load-forecast/2026-load-report.pdf>. *See, in particular*, page 9 (PJM) and 34 (DOM Zone).

<sup>32</sup> *See* Facility Connection ("FAC") Standard FAC-001-4 (effective January 1, 2024), which can be found at <https://www.nerc.com/globalassets/standards/reliability-standards/fac/fac-001-4.pdf>.

<sup>33</sup> PJM Manual 14B (effective December 17, 2025) focuses on the RTEP process and can be found at <https://www.pjm.com/-/media/DotCom/documents/manuals/m14b.pdf>.

<sup>34</sup> *See* PJM Manual 14B, Attachment D: PJM Reliability Planning Criteria. *See supra*, n.33 for a link to PJM Manual 14B.

violation, which can include planning criteria from NERC, ReliabilityFirst, SERC Reliability Corporation, PJM, and TOs; (ii) network upgrades are new or upgraded facilities required primarily to eliminate reliability criteria violations caused by proposed generation, merchant transmission, or long-term firm transmission service requests; and (iii) supplemental projects are projects initiated by the TO in order to interconnect new customer load, address degraded equipment performance, improve operational flexibility and efficiency, and increase infrastructure resilience. The Project is a group of projects classified as baseline projects resolving several system reliability criteria violations. See Section I.J.

As discussed below, the Project is needed to address violations of NERC Reliability Standards identified by PJM as part of the 2022 and 2024 RTEP cycles, to optimize the existing transmission corridor consistent with Virginia law and Commission guidance, and to maintain the structural integrity and reliability of the transmission system while also providing for future load growth.

## **DESCRIPTION OF THE PROJECT**

### ***Morrisville-Wishing Star Line #5008***

The Company proposes to construct the new overhead 500 kV single circuit Morrisville-Wishing Star Line #5008 extending approximately 36.6 miles between the Company's Morrisville Station and Wishing Star Station in Fauquier, Prince William, and Loudoun Counties.

Line #5008 will be supported primarily by single circuit 500 kV dulled galvanized steel monopoles and will utilize three-phase triple-bundled 1351.5 ACSS/TW/HS285 conductors with a summer transfer capability of 4,357 MVA.<sup>35</sup>

### ***Anderson Branch-Morrisville Line #2464***

The Company proposes to construct the new overhead 230 kV single circuit Anderson Branch-Morrisville Line #2464 for approximately 8.1 miles between the Company's Morrisville Station and Anderson Branch Station in Fauquier County primarily collocated on 5/2 configured double circuit dulled galvanized steel monopoles with rebuilt Line #569.<sup>36</sup>

Line #2464 will be constructed utilizing three-phase twin-bundled 768.2 ACSS/TW/HS type conductor with a summer transfer capability of 1,573 MVA.

### ***Expanded Corridor Optimization***

The Company proposes to optimize the existing Morrisville-Wishing Star Corridor in order to accommodate installation of proposed Line #5008 and Line #2464 through the rebuild or partial rebuild of various existing 500 kV and 230 kV lines,

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<sup>35</sup> See *supra*, n.4.

<sup>36</sup> See *supra*, n.10, and Section I.F.

and line terminal upgrades and/or equipment installations at various existing stations, including expansion of the Morrisville Station within the Company's existing property rights (the "Expanded Corridor Optimization") consistent with Virginia law and Commission guidance.

The existing Morrisville-Wishing Star Corridor is approximately 36.2 miles in length and typically varies in width between 235 and 250 feet, except for one approximately 1.5-mile section that is 335 feet wide located in Segment 1 in Fauquier County. Note that there are other sections of variable width corridor where additional right-of-way is necessary to accommodate existing transmission lines and station interconnections throughout the remainder of the corridor in Fauquier, Prince William, and Loudoun Counties.

Specifically, the Expanded Corridor Optimization includes the rebuild or partial rebuild of the following existing lines, which are located at various points within the existing transmission corridor: Loudoun-Meadow Brook Line #535, Bristers-Morrisville Line #545, Mosby-Wishing Star Line #546, Loudoun-Morrisville Line #569, Mosby-Wishing Star Line #590, Gainesville-Loudoun Line #2030, Marsh Run CT-Morrisville Line #2039, Marsh Run CT-Morrisville Line #2040, Loudoun-Northstar Line #2045, Loudoun-Racefield Line #2094, Bristers-Vint Hill Line #2101, Remington CT-Rollins Ford Line #2114, Loudoun-Youngs Branch Line #2140, Liberty-Vint Hill Line #2163, Gainesville-Heathcote Line #2176, Gainesville-Rollins Ford Line #2222, Brambleton-Racefield Line #2227, and Brambleton-Northstar #2319. See Section I.F.

Additionally, the Expanded Corridor Optimization includes line terminal upgrades and/or equipment installations at the following stations: Bristers, Morrisville, and Wishing Star. Note that the upgrades planned at Morrisville Station will require expansion of the station within the Company's existing property rights as currently designed. See Section II.C for discussion of this station work required for the Project, as well as discussion regarding stations where other minor station-related work will be performed.

Through this optimization of the existing Morrisville-Wishing Star Corridor, installation of Line #5008 will be primarily within the existing variable-width corridor with a combination of existing, expanded, and new right-of-way, as needed, or within the Company's existing property rights, and installation of Line #2464 will be entirely within the primarily 235-foot-wide right-of-way corridor or within the Company's existing property rights. The total length of the Project corridor as proposed is approximately 37.5 miles long, which includes approximately 17.9 miles entirely within the existing corridor, approximately 14.3 miles within expanded right-of-way either directly adjacent to the existing corridor or other existing Company property rights, and approximately 5.3 miles of new right-of-way not adjacent to the existing corridor or other existing Company property rights.

In the expanded right-of-way areas, the expansion will range from 3 feet to up to 230 feet, with most expansion areas being either a 65-foot eastern or an 85-foot

western expansion, resulting in a 305- to 325-foot-wide post-Project total right-of-way width in expansion areas. Where new or expanded right-of-way is needed on the western side of the existing Morrisville-Wishing Star Corridor, existing 500 kV and 230 kV lines would be relocated within the new or expanded right-of-way and the proposed Line #5008 would be placed in the easternmost position within the existing right-of-way. As such, the length of Line #5008 (approximately 36.6 miles), the total length of the corridor needed for the Project as proposed (approximately 37.5 miles), and the length of the existing Morrisville-Wishing Star Corridor (approximately 36.2 miles) are different. The existing lines to be relocated in whole or in part at various locations within the new or expanded right-of-way include Line #535, Line #569, Line #2114, Line #2140, Line #2176, and Line #2222.

The right-of-way expansion areas also include variable width areas needed to facilitate transitions between various transmission line configurations or to avoid specific constraints. New right-of-way areas will entail 100- to 150-foot-wide greenfield rights-of-way. See Attachment II.A.6.

The optimization approach described above generally minimizes impacts on the natural and human environments, and is consistent with Commission guidance provided in Attachment 1 of the Guidelines. Specifically, this approach is consistent with Guideline #1, which states that existing rights-of-way should be given priority when adding new transmission facilities, and Va. Code §§ 56-46.1 and 56-259 of the Code of Virginia, which promote the use of existing rights-of-way for new transmission facilities.

### ***Transmission Line Facilities and Stations***

The Project will require the rebuild, partial rebuild, or relocation of various 500 kV and 230 kV transmission line facilities, as described above and in Section I.F, in order to accommodate location of the proposed Line #5008 and #2464. The Project will require line terminal upgrades and/or equipment installations at various existing stations, including expansion of the Morrisville Station within the Company's existing property rights as described in Section II.C.

## **NEED FOR THE PROJECT**

In response to FERC Order No. 1000,<sup>37</sup> PJM expanded its regional planning process to provide greater opportunity for non-incumbent transmission developers to submit solution proposals. Accordingly, beginning in 2013, PJM initiated proposal windows allowing for competitive solicitation while balancing the need for projects to be selected, sited, and constructed in time to solve identified reliability violations. The following provides an overview and summary of the need for the Project.

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<sup>37</sup> FERC Order No. 1000 is a Final Rule that modified FERC's electric transmission planning and cost allocation requirements for public utility transmission providers, including by requiring transmission planning at the regional level to consider and evaluate possible transmission alternatives and produce a regional transmission plan.

## **2022 RTEP**

During the 2022 RTEP Open Window #3, PJM identified the need for a new 500 kV transmission line between Morrisville and Wishing Star Stations to solve several NERC reliability violations in the Project area. See Section I.J.

In development of a potential routing option for the new 500 kV line between the Morrisville and Wishing Star Stations to submit to PJM to address the violations identified in the 2022 RTEP, the Company first preliminarily reviewed, but rejected, overhead and underground greenfield options within the Project area.

As part of this first preliminary review, the Company determined that an entirely overhead greenfield option would be infeasible<sup>38</sup> due to numerous constraints and developments, both existing and planned, located throughout the area, particularly in Fauquier County, and between the Vint Hill and Wishing Star Stations. Because existing conservation easements and publicly-owned lands surrounding the Morrisville Station severely limit a greenfield option entering/exiting the station, the Company also considered a partial greenfield option from the Sumerduck area (approximately 2.5 miles south of Morrisville Station) to the Vint Hill Station during this preliminary review. The Company determined, however, that this option was impractical<sup>39</sup> as it would be longer than the existing transmission corridor, creating increased impacts and significantly higher costs. As a result, an entirely overhead greenfield option for the new 500 kV line was rejected as infeasible and a partial greenfield option between the Sumerduck area and Vint Hill Station was rejected as impractical.

The Company also considered installation of an underground single circuit 500 kV gas insulated line (“GIL”) between Vint Hill and Wishing Star Stations as part of this first preliminary review. However, an underground GIL option was never conceptually developed due to the multiple challenges identified to underground installation, including environmental, construction, cost, schedule, and operational challenges.<sup>40</sup>

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<sup>38</sup> In this context, infeasible is defined as not capable of being carried out under the current project and regulatory parameters.

<sup>39</sup> In this context, impractical is defined as not likely to succeed or be effective in real circumstances.

<sup>40</sup> Entirely separate from the underground GIL option, the Company also performed a high level internal review of traditional underground construction of Line #5008 from Morrisville-Wishing Star utilizing cross-linked polyethylene (“XLPE”) standard installation, which identified multiple challenges and a cost in excess of \$2 billion. Presumably, an overhead-underground hybrid would face similar challenges and costs. Given the existing corridor is already impacted by overhead lines that can accommodate installation of Lines #5008 and #2464 primarily within the existing right-of-way corridor and the constructability challenges identified by the Company’s preliminary review of traditional underground construction, the Company did not pursue additional evaluation or design of traditional underground construction for Line #5008.

A summary of the overhead and underground greenfield options that were rejected as part of the Company's first preliminary review are provided in Attachment I.A.2.<sup>41</sup>

The Company next reviewed the existing area rights-of-way and determined that a new 500 kV line could be installed within the existing Morrisville-Wishing Star Corridor by wrecking and rebuilding all of the existing 500 kV, 230 kV, and 115 kV lines in the corridor and performing work at various stations along the corridor. This solution was included in the 2023 RTEP approved by the PJM Board at its meeting on December 11, 2023.<sup>42</sup>

Accordingly, to solve NERC reliability thermal violations identified during the 2022 RTEP Open Window #3, the Company proposed Line #5008 located within the existing transmission corridor by wrecking and rebuilding the entire 36.2-mile Morrisville-Wishing Star Corridor, including all of the 500 kV, 230 kV, and 115 kV transmission lines within the corridor. See Section I.J.

In 2023, the Company's proposed solution was designated by PJM as a baseline project needed to address the identified NERC reliability thermal violations under N-1 and Generator Deliverability studies<sup>43</sup> expected to occur in 2027/2028. See Section I.D and Section I.J. These violations were included in PJM's Competitive Planning Process and listed in the 2022 RTEP Open Window #3, which opened on February 24, 2023, and closed on May 31, 2023. This Competitive Planning Process afforded non-incumbent transmission developers an opportunity to participate in the regional planning and expansion of the PJM bulk electric system.

Reliability violations identified in the 2022 RTEP Open Window #3, if not relieved by the Project, will severely impact the transmission system's ability to provide

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<sup>41</sup> Importantly, any overhead or underground routing option preliminarily reviewed by the Company for location of Line #5008 would need to extend from Morrisville Station to Wishing Star Station and be designed to meet the same ratings and overall performance as the Project as proposed. As none of the options reviewed and described in Attachment I.A.2 achieve those goals, they were not conceptually designed or presented to PJM as part of the Company's proposed solution to the violations identified in the 2022 Open Window #3. Note that this preliminary review was completed internally by the Company prior to the Company's engagement of ERM and was therefore outside of the scope of work performed by ERM. See *supra*, n.25.

<sup>42</sup> This solution later included the new 230 kV line between the Morrisville and Anderson Branch Stations needed to address violations identified in the 2024 RTEP. See *supra*, n.18.

<sup>43</sup> An N-1 (single) contingency involves a sequence of events consisting of the initial loss of a single generator or transmission component followed by system adjustments. See the Company's mandatory electric transmission planning criteria ("Planning Criteria"), which can be found in Attachment 1 of the Company's Facility Interconnection Requirements ("FIR") document (effective October 1, 2025) pursuant to Facility Connection ("FAC") Standard FAC-001 (R1, R3) available online at <https://www.dominionenergy.com/-/media/content/large-business-services/pdfs/virginia/facility-interconnection-requirements.pdf>. Generator Deliverability tests ensure that the transmission system is capable of delivering the aggregate system generating capacity at summer peak load with all firm transmission service modeled. Additionally, to help ensure that generating resources are deliverable year-round, expected generation output levels during light load and winter conditions are examined as part of the generator deliverability analysis. See PJM Manual 14B, Section 2.3 RTEP Reliability Planning, including *Baseline Thermal Analysis* (2.3.6), *Baseline Voltage Analysis* (2.3.7), and *Generator Deliverability Analysis* (2.3.10). See *supra*, n.33 for a link to PJM Manual 14B.

reliable service to customers, including in the NOVA Load Area.<sup>44</sup> As a part of PJM's RTEP planning process, including the Company's own Planning Criteria and analysis, the proposed Morrisville-Wishing Star Line #5008 and wreck and rebuild of the entire Morrisville-Wishing Star Corridor was recommended for inclusion in the 2022 series 2027 RTEP model at PJM's October 31, 2023 TEAC meeting as a baseline project. The selected proposals within the 2022 Reliability Open Window #3 were approved by PJM at its board meeting on December 11, 2023. See Section I.J.

### ***2024 RTEP***

During the 2024 RTEP Open Window #1, PJM's 2029 RTEP model identified N-1-1 (secondary) thermal violations in Prince William County that would require a localized 230 kV solution not resolved by Line #5008. PJM opened a new 60-Day Reliability Window in July 2024 to accept proposals for secondary solutions to resolve the identified thermal violations.

The Company's proposed solution extends a new 230 kV circuit between the Morrisville and Anderson Branch Stations (*i.e.*, Anderson Branch-Morrisville Line #2464). Line #2464, which will be collocated on structures with rebuilt Line #569, was accepted by PJM during its 2024 Open Window #1 to address N-1-1 thermal violations identified in Prince William County.

Baseline reliability projects resolving violations identified in the 2024 RTEP were approved by PJM and included as part of the 2025 RTEP at its board meeting on February 26, 2025, including Line #2464. See Section I.J.

### ***Expanded Corridor Optimization***

Importantly, as discussed in Section II.A.10, the existing transmission lines between Morrisville and Wishing Star Stations constitute a vital corridor within Dominion Energy Virginia's electric grid, facilitating the flow of power into the Project load area. Losing this segment of the grid can be likened to the closing of Interstate 95 and Route 1—while alternative pathways for transfer exist, the loss of this single corridor can have significant and far-reaching consequences. Planned outages, particularly on circuits that share common transmission towers, combined with any unplanned faults on adjacent lines, result in the redistribution of electrical load onto the remaining circuits. While each circuit within this corridor may be managed individually and in isolation, planning studies have shown that the simultaneous removal of multiple circuits—under certain loading conditions—can routinely push neighboring lines beyond their thermal limits. This scenario has the potential to result in a cascading failure: one overloaded line trips, its power flow shifts to another circuit, which then becomes overloaded and trips as well, continuing in sequence until the network experiences a widespread collapse.

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<sup>44</sup> See Attachment I.J.1.

Therefore, given the criticality of the Morrisville-Wishing Star Corridor and the existing 500 kV lines running south to north in particular, the Company assessed constructability challenges, such as availability of outages for the duration of construction and permitting, to determine the probability of timely construction of proposed Lines #5008 and #2464 entirely within the existing corridor while maintaining a safe and reliable system. The Company determined that successful timely construction of the new lines would require optimization of the existing corridor in segments,<sup>45</sup> with (1) expanded or new right-of-way and targeted wrecking and rebuilding of certain existing 500 kV and 230 kV lines within the corridor segment as needed, or (2) the full wreck and rebuild of the existing corridor where expanded or new right-of-way is not available within the corridor segment (*i.e.*, the Expanded Corridor Optimization). The Expanded Corridor Optimization segments are as follows:

**Segment 1—Morrisville Station to Bristers Station:** The Company proposes an entire wreck and rebuild of certain 500 kV and 230 kV transmission lines within the existing Segment 1 right-of-way corridor,<sup>46</sup> which extends approximately 7.9 miles between Morrisville and Bristers Stations within Fauquier County. See Attachment II.A.6. Additionally, an approximately 0.01-acre (1,400 square foot) area of expanded right-of-way is needed adjacent to the northeast side of existing Company property rights north of Morrisville Station, as well as 4.3 acres of expanded areas adjacent to the Morrisville Station on land within existing Company property rights.

**Segment 2A—Bristers Station to Bristers Junction:** The Company proposes an entire wreck and rebuild of one 500 kV transmission line within 1.2 miles of the existing Segment 2A right-of-way corridor,<sup>47</sup> which extends a total of approximately 1.6 miles from Bristers Station to Bristers Junction within Fauquier County. See Attachment II.A.6. Additionally, one approximately 0.4-mile-long segment of variable width right-of-way (maximum of 130 feet wide) will be utilized south of Bristers Junction.

**Segment 2B—Bristers Junction to Vint Hill Station:** The Company proposes a combination of wreck and rebuild and expansion of the existing Segment 2B right-of-way corridor, which extends approximately 10.3 miles from Bristers Junction in Fauquier County to Vint Hill Station in Prince William County. See Attachment II.A.6. Specifically, the Company proposes to wreck and rebuild certain 500 kV and 230 kV transmission lines

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<sup>45</sup> See *supra*, n.19.

<sup>46</sup> Construction of Line #5008 and Line #2464 within the existing Segment 1 right-of-way corridor includes optimization of the following lines: Line #545, Line #569, Line #2039, and Line #2040. See Section I.F, specifically, and Section II, generally.

<sup>47</sup> Construction of Line #5008 within the existing Segment 2A right-of-way corridor includes optimization of the following line: Line #569. See Section I.F, specifically, and Section II, generally.

for a total of approximately 2.8 miles within Segment 2B.<sup>48</sup> Additionally, the Company proposes the following within Segment 2B:

- A 65-foot-wide expansion on the eastern side of the existing corridor for a total of approximately 4.4 miles;
- An 85-foot-wide expansion on the western side of the existing corridor for a total of approximately 0.4 mile;
- Variable width expansion of between 65 and 230 feet on both sides of the corridor for a total of approximately 2.0 miles; and
- New greenfield 100-foot-wide right-of-way to avoid an existing station and natural gas compressor station, extending a total of approximately 0.7 mile.

**Segment 3—Vint Hill Station to Loudoun/Mosby Stations:** The Company proposes a combination of wreck and rebuild, corridor expansion, and new greenfield 100- to 150-foot-wide right-of-way, which begins in Prince William County at Vint Hill Station and extends approximately 13.0 miles to Loudoun/Mosby Stations in Loudoun County. See Attachment II.A.6. Specifically, the Company proposes to wreck and rebuild certain 500 kV and 230 kV transmission lines for a total of approximately 2.1 miles within Segment 3.<sup>49</sup> Additionally, the Company proposes the following within Segment 3:

- A 10-foot-wide expansion on the western side of the existing corridor for a total of approximately 0.9 mile (Segment 3 Mainline Proposed Route);
- A 65-foot-wide expansion on the eastern side of the existing corridor for a total of approximately 2.0 miles (Segment 3 Mainline Proposed Route);
- An 85-foot-wide expansion west of the existing corridor for a total of approximately 1.6 miles (0.3 mile of Segment 3 Mainline Proposed Route and 1.3 miles of Pageland Proposed Route);
- A 100-foot-wide expansion west of the existing corridor for a total of approximately 0.2 mile (Pageland Proposed Route);

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<sup>48</sup> Construction of Line #5008 within the existing Segment 2B right-of-way corridor includes optimization of the following lines: Line #535, Line #569, Line #2101, and Line #2114. See Section I.F, specifically, and Section II, generally.

<sup>49</sup> Construction of Line #5008 within the existing Segment 3 right-of-way corridor includes optimization of the following lines: Line #535, Line #569, Line #2030, Line #2114, Line #2140, Line #2163, Line #2176, and Line #2222. See Section I.F, specifically, and Section II, generally.

- A 150-foot-wide expansion primarily within Company property rights for a total of approximately 0.9 mile (Segment 3 Mainline Proposed Route at Vint Hill and Mosby Stations);
- Variable width right-of-way expansion of 3- to 195-feet for approximately 1.0 mile (Segment 3 Mainline Proposed Route)—specifically, an approximately 890-foot-long section of 3-foot-wide eastern expansion and an approximately 1,100-foot-long section of 6-foot-wide eastern expansion are needed along the existing corridor north of MNBP and Sudley Road to meet current clearance standards along the existing corridor; and
- New greenfield 100- to 150-foot-wide right-of-way extending a total of approximately 4.6 miles (Gainesville and Pageland Proposed Routes), with a corresponding shifting of existing conductors utilizing entirely existing structures along approximately 3.4 miles of the existing corridor, where the Company has determined that wreck and rebuild or expansion is not a practical option to meet the targeted in-service date of the proposed Project (Pageland and Gainesville sections).

**Segment 4—Loudoun/Mosby Stations to Wishing Star Station:** The Company proposes an entire wreck and rebuild of certain 500 kV and 230 kV transmission lines within the existing Segment 4 right-of-way corridor,<sup>50</sup> which extends approximately 4.4 miles from Loudoun/Mosby Stations to Wishing Star Station entirely within Loudoun County. See [Attachment II.A.6](#). Specifically, the Company will utilize approximately 3.9 miles of existing 250-foot-wide right-of-way, and approximately 0.5 mile of variable width right-of-way expansion to avoid existing and planned Mosby Station equipment and interconnections and to allow for future interconnections of the Racefield, Reed Farm, and Northstar Stations.

The segmentation described above reflects a mitigation of outage availability and permitting risks to timely completion while maintaining a safe and reliable system, as well as an effort to make efficient use of the existing transmission corridor to the maximum extent practicable. Additionally, the segmentation supports the optimization that reasonably minimizes adverse impacts, including along segments where the proposed Project expands or diverges from the existing corridor. See Section I.B and Section I.J.

### ***Summary of Project Need***

The projected load violations identified in the 2022 RTEP Open Window #3 and the 2024 RTEP Open Window #1, if not relieved by the Project, will severely impact the transmission system’s ability to provide reliable service to customers,

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<sup>50</sup> Construction of Line #5008 within the existing Segment 4 right-of-way corridor includes optimization of the following lines: Line #546, Line #590, Line #2045, Line #2094, Line #2227, and Line #2319. See Section I.F, specifically, and Section II, generally.

including in the NOVA Load Area.<sup>51</sup> The proposed Project works in concert with other projects in the PJM model to mitigate over 80 uniquely identified projected violations across the Summer, Winter, and Light-Load PJM RTEP models developed for the 2022 RTEP Open Window #3 and 2024 RTEP Open Window #1. Among the violations resolved, 45 were observed on 500 kV lines, specifically Line #569, Morrisville-Spotsylvania Line #594, and Ladysmith-North Anna Line #575. The Project also mitigated violations across 500-230 kV transformers at Ox, Bristers, and Vint Hill Stations and continues to remain as a critical reliability component of the latest RTEP models, as discussed further in Section I.D. Indeed, the failure to address the projected violations for this area identified in the 2022 and 2024 RTEP cycles could lead to service interruptions and potentially damage the Company's electrical facilities in this area, negatively impacting electric service to the region. The Supreme Court of Virginia has affirmed the Commission's determination of need for new transmission facilities based on violations of NERC Reliability Standards identified through the PJM RTEP planning process.<sup>52</sup>

As supported by the attachments and discussion in Section I.J, the Company, working with PJM and its member TOs through the RTEP process, has identified both regional and local projected NERC reliability violations in the 2022 and 2024 RTEP cycles that will directly impact the NOVA Load Area beginning in the 2027/2028 timeframe. Through the RTEP process, PJM's load flow studies were validated by independent load flow studies performed by Dominion Energy Virginia. These studies have confirmed that by summer 2027,<sup>53</sup> multiple contingency conditions have been identified that are projected to cause thermal overloads in several parts of the system. See Section I.D. As part of the RTEP, PJM and Dominion Energy Virginia have determined that the proposed Project, particularly the 500 kV and 230 kV facilities described herein, will provide the most comprehensive, robust solution for resolving the projected NERC reliability

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<sup>51</sup> To be clear, Line #5008 (included in the 2023 RTEP approved by the PJM Board) and Line #2464 (included in the 2025 RTEP approved by the PJM Board) are required to solve the violations identified in the 2022 RTEP Open Window #3 and the 2024 RTEP Open Window #1, respectively. While the full wreck and rebuild of all of the existing lines in the entire Morrisville-Wishing Star Corridor offers the additional benefit of reconductoring those existing lines to current standards, it was proposed by the Company because it allows for the location of Lines #5008 and #2464 within the existing corridor to the maximum extent practicable, not because it contributes to solving the violations identified by PJM in the 2022 and 2024 RTEP Open Windows described herein. Consistent with prudent planning, however and as discussed herein, the Company's Transmission Planning group has continued to evaluate loading projections and construction timelines related to the remainder of the 500 kV and 230 kV lines that are not being wrecked and rebuilt within Morrisville-Wishing Star Corridor for the proposed Project as part of its internal future planning studies. The Company will continue this ongoing review as to new violations and will coordinate further with PJM regarding the same. The Company will seek separate Commission approval of that additional future work at the appropriate time, to the extent additional approval is required. *See supra*, n.18; *see also infra*, n.61 and related text.

<sup>52</sup> *See, e.g., Piedmont Env'tl. Council v. Virginia Elec. and Power Co.*, 278 Va. 553, 569-70, 684 S.E. 2d 805, 814-15 (2009); *Lansdowne Conservancy et al. v. State Corp. Comm'n*, No. 250492, 2026 WL 467847, at \*7 (Va. Feb. 19, 2026) (rejecting as unsupported by the record appellants' contention that Commission Staff failed to verify need where the Staff Report explained that Staff verified the power flow models provided by PJM and confirmed that the identified violations of NERC reliability standards would occur without the project).

<sup>53</sup> *See supra*, n.28.

violations, as well as provide for future load growth in the NOVA Load Area and the regional transmission system as a whole. The need for Line #5008 and Line #2464 was reaffirmed in PJM's 2024 Load Forecast, as well as in PJM's 2025 and 2026 Load Forecasts.<sup>54</sup>

### ***Economic Development and Service Reliability***

Pursuant to Va. Code § 56-46.1 A, the Commission shall consider (a) the effect of the facility on economic development in the Commonwealth and (b) any improvements in service reliability resulting from construction of the facility. As described above and supported throughout Section I, the Project will help to maintain electric service to customers in the NOVA Load Area, as well as resolve identified NERC reliability violations.

The Project is designed to timely solve reliability violations identified in the 2022 and 2024 RTEP cycles with an additional benefit of maintaining reliable service in relation to future development and load growth. For example, the proposed Project introduces an additional circuit to the Company's 500 kV transmission system, with a summer transfer capability of 4,357 MVA. Along with upgrades to multiple sections of several existing 500 kV and 230 kV transmission lines within the 500-230 kV corridor between Morrisville and Wishing Star Stations, this significant amount of additional capacity further improves the Company's ability to reliably accommodate future load growth.

By maintaining reliable electric power delivery, and doing so in a manner that will accommodate future development, the Project as proposed supports economic development in the NOVA Load Area and the Commonwealth.

### **EXISTING & PROPOSED TRANSMISSION SYSTEM**

See the following existing and proposed transmission system diagrams as they pertain to the proposed Project and other facilities in the Project area.

Attachment I.A.3 provides an existing one-line diagram of the transmission system arrangement within the vicinity of the Project in the NOVA Load Area as of January 2026.

Attachment I.A.4 provides a one-line diagram of the transmission system arrangement within the vicinity of the Project in the NOVA Load Area prior to the selection of the Project via the 2022 RTEP Open Window #3.

Attachment I.A.5 provides a one-line diagram of the transmission system

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<sup>54</sup> See page 3 (PJM) and 28, 35, 39 (DOM Zone) of the 2024 PJM Load Forecast, which is available at the following: <https://www.pjm.com/-/media/library/reports-notice/load-forecast/2024-load-report.ashx>. See page 9 (PJM) and 34 (DOM Zone) of the 2025 PJM Load Forecast, which is available at the following: <https://www.pjm.com/-/media/DotCom/library/reports-notice/load-forecast/2025-load-report.ashx>. See page 9 (PJM) and 34 (DOM Zone) of the 2026 PJM Load Forecast, which is available at the following: <https://www.pjm.com/-/media/DotCom/library/reports-notice/load-forecast/2026-load-report.pdf>.

arrangement within the vicinity of the Project in the NOVA Load Area including the Project selected via the 2022 RTEP Open Window #3.

Attachment I.A.6 provides a one-line diagram of the transmission system arrangement within the vicinity of the Project in the NOVA Load Area prior to the selection of the proposed Anderson Branch-Morrisville Line #2464 as a component of the Project via the 2024 RTEP Open Window #1.

Attachment I.A.7 provides a one-line diagram of the transmission system arrangement within the vicinity of the Project in the NOVA Load Area including the proposed Anderson Branch-Morrisville Line #2464 as a component of the Project selected via the 2024 RTEP Open Window #1.

Attachment I.A.8 provides a one-line diagram showing an approximate location of every DP request received and reviewed by Dominion Energy Virginia in the vicinity of the proposed Project as of January 2026. Some of these DP requests have been presented and approved by PJM through the supplemental process, whereas the need for others have been brought to PJM stakeholders but are still in the conceptual phase of their interconnection solution. The method of interconnecting these DPs with the transmission system is not illustrated. The ultimate load requested for each DP varies from 150 MW to 300 MW. This diagram is provided to inform the Commission as to the volume of load expected to materialize in this load area and reinforce the need for the proposed Project.

See Attachment II.A.2 for a map depicting the proposed Project area and constraints.

## PROJECT ROUTING<sup>55</sup>

The total length of the existing Morrisville-Wishing Star Corridor is approximately 36.2 miles, but the total combined length of the Project corridor as proposed will be approximately 37.5 miles after inclusion of the new rights-of-way. The complete route of the proposed Project will be comprised of one route within each segment, all of which will utilize the existing transmission line corridor to the maximum extent practicable, with a combination of expanded and new right-of-way as needed. See Section II.A.9 and Attachment II.A.6. The routes within each segment, which include route alternatives where available, are as follows:

**Segment 1:** The Company identified one approximately 7.9-mile route for Segment 1, utilizing approximately 7.9 miles of existing and less than 0.1 mile of expanded right-of-way ranging between 235 and 335 feet wide, which is called Segment 1 Proposed Route 1 or the Segment 1 Proposed Route.

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<sup>55</sup> This discussion was prepared as part of ERM's scope of work for the proposed Project, as supported by Section II.A.9 and the Environmental Routing Study.

**Segment 2A:** The Company identified one approximately 1.6-mile route for Segment 2A, utilizing approximately 1.2 miles of existing 235-foot-wide right-of-way and 0.4 mile of expanded right-of-way ranging between 235 and 370 feet wide, which is called Segment 2A Proposed Route 1 or the Segment 2A Proposed Route.

**Segment 2B:** The Company identified one approximately 10.3-mile route for Segment 2B, utilizing approximately 2.8 miles of existing 240-foot-wide right-of-way, 6.8 miles of expanded right-of-way ranging between 240 and 450 feet wide, and 0.7 mile of new 100-foot-wide right-of-way, which is called Segment 2B Proposed Route 1 or the Segment 2B Proposed Route.

**Segment 3:** The Company identified an approximately 13.3-mile route for Segment 3, referred to as Segment 3 Proposed Route 1 or the Segment 3 Proposed Route, which utilizes a combination of wreck and rebuild, corridor expansion, and greenfield alternatives along three sections of Segment 3, referred to as the Mainline section, the Gainesville section, and the Pageland section. Collectively, the Segment 3 Proposed Route is a combination of the preferred alignment along each of the three sections: the Segment 3 Mainline Proposed Route 1,<sup>56</sup> the Segment 3 Gainesville Proposed Route 1, and the Segment 3 Pageland Proposed Route 1. Along the Gainesville and Pageland sections, the Company also identified the following route alternatives: Gainesville Alternative Route 2, Gainesville Alternative Route 3, and Pageland Alternative Route 2. See Attachment II.A.6. A description of the Segment 3 route alternatives by section is as follows:

***Segment 3 Mainline Proposed Route 1:*** an approximately 6.4-mile (total combined) route of wreck and rebuild and/or corridor expansion, which also is called the Segment 3 Mainline Proposed Route. This includes an approximately 1.3-mile segment of wreck and rebuild entirely within existing corridor and an approximately 5.1-mile corridor expansion ranging between 10 and 150 feet wide.

***Segment 3 Gainesville Proposed Route 1:*** an approximately 2.7-mile route, utilizing 1.9 miles of new 150-foot-wide right-of-way and 0.8 mile of existing right-of-way, which also is called Gainesville Proposed Route 1 or the Gainesville Proposed Route.

***Segment 3 Gainesville Alternative Route 2:*** an approximately 3.6-mile route utilizing 2.9 miles of new 100- to 150-foot-wide right-of-way and 0.7 mile of existing right-of-way, which also is called Gainesville Alternative Route 2.

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<sup>56</sup> See *supra*, n.23.

**Segment 3 Gainesville Alternative Route 3:** an approximately 3.6-mile route utilizing 2.8 miles of new 100- to 150-foot-wide right-of-way and 0.8 mile of existing right-of-way, which also is called Gainesville Alternative Route 3.

**Segment 3 Pageland Proposed Route 1:** a new approximately 24.2-mile route utilizing 2.7 miles of new 100- to 150-foot-wide right-of-way and 1.5 miles of 85-foot-wide corridor expansion, which also is called Pageland Proposed Route 1 or the Pageland Proposed Route.

**Segment 3 Pageland Alternative Route 2:** an approximately 5.2-mile route utilizing 5.0 miles of new 100- to 150-foot-wide right-of-way and 0.2 mile of 85-foot-wide corridor expansion, which also is called Pageland Alternative Route 2.

**Segment 4:** The Company identified one approximately 4.4-mile route for Segment 4, utilizing approximately 3.9 miles of existing 250-foot-wide right-of-way and 0.5 mile of expanded right-of-way ranging between 250 and 415 feet wide, which is called Segment 4 Proposed Route 1 or the Segment 4 Proposed Route.

The table below provides a summary of the Project route alternatives.<sup>57</sup>

**Project Route Alternatives Summary Table**  
(miles, approximate)

Segment	Route Alternatives	Summary	Mileage
1	Segment 1 Proposed Route 1	Wreck and rebuild within existing rights-of-way and expansion of the existing corridor	7.9
2A	Segment 2A Proposed Route 1	Wreck and rebuild within existing rights-of-way and expansion of the existing corridor	1.6
2B	Segment 2B Proposed Route 1	Wreck and rebuild within existing rights-of-way and expansion of the existing corridor	10.3
3	Segment 3 Proposed Route 1	Wreck and rebuild, corridor expansion, and new right-of-way comprised of the Mainline Proposed Route 1, Gainesville Proposed Route 1, and Pageland Proposed Route 1	13.3
	Segment 3 Mainline Proposed Route 1	Wreck and rebuild within existing rights-of-way and expansion of the existing corridor	6.1
	Gainesville Proposed Route 1	New and existing right-of-way	2.7
	Gainesville Alternative Route 2	New and existing right-of-way	3.6
	Gainesville Alternative Route 3	New right-of-way	3.6
	Pageland Proposed Route 1	New right-of-way and expansion of existing corridor	4.2
	Pageland Alternative Route 2	New right-of-way	5.2
4	Segment 4 Proposed Route 1	Wreck and rebuild within existing rights-of-way	4.4

<sup>57</sup> See also Section I.F, Section II.A.5, and Section II.A.9.

Notably, within Segments 1, 2A, 2B, and 4, the Project primarily entails a full wreck and rebuild, a partial wreck and rebuild, or a corridor expansion to accommodate the new 500 kV and 230 kV lines where those lines are added to the existing corridor. In this way, the Expanded Corridor Optimization utilizes existing corridors to the maximum extent practicable, consistent with Virginia law and Commission guidance. Where a full or partial wreck and rebuild within the existing corridor potentially creates outage availability and/or permitting risks to timely completion of the Project and/or limits the Company's ability to continue safe and reliable operation of the transmission system, and where corridor expansion is impractical due to land use constraints (*e.g.*, conflicts with existing conservation easements, existing development, public lands), new greenfield route alternatives were evaluated. For example, a full wreck and rebuild within existing Company right-of-way in Segment 3 is not practicable from a timing perspective as it would require a full federal National Environmental Policy Act ("NEPA") review due to increased structure heights across the MNBP, which is owned and operated by the NPS, and therefore, greenfield route alternatives were identified to avoid this key constraint. See Section II.A.9 and the Environmental Routing Study for additional discussion on the use of expanded or new greenfield right-of-way for the Project from a routing perspective.

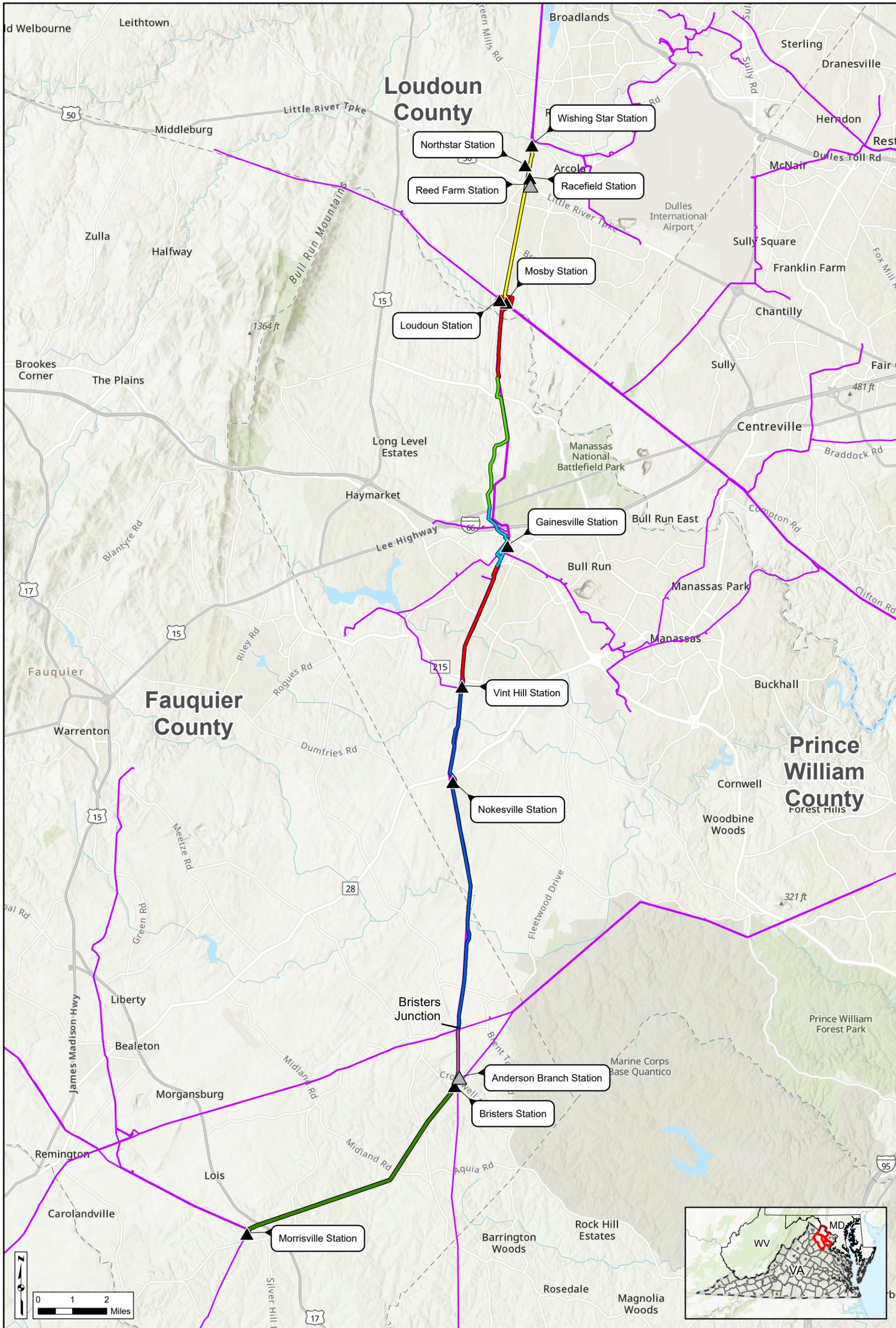
The Company is offering each of the Proposed and Alternative Routes identified in the table and further described above for Commission consideration and notice. Discussion of all route alternatives that ERM identified and evaluated but rejected is provided in Section 1.5 of the Environmental Routing Study.<sup>58</sup>

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In summary, the proposed Project will address violations of NERC Reliability Standards identified by PJM as part of the 2022 and 2024 RTEP cycles, optimize the existing transmission corridor consistent with Virginia law and Commission guidance, and maintain the structural integrity and reliability of the transmission system while also providing for future load growth.

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<sup>58</sup> See *supra*, n.25.

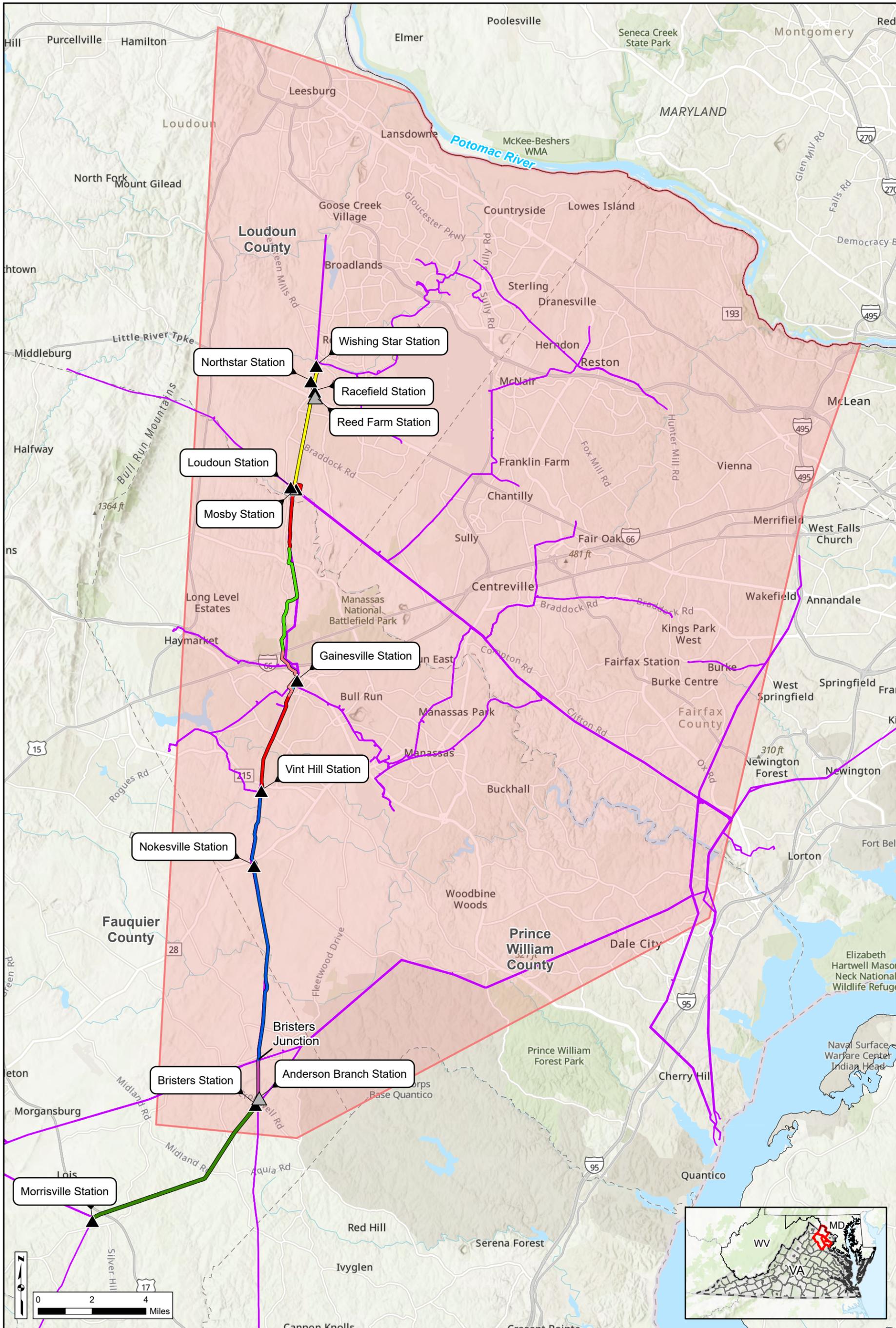


Dominion Facilities		Project Components	
	Existing Station		Segment 1 Proposed Route (Lines #5008 and #2464)
	Future Station		Gainesville Proposed Route 1 (Existing Lines #5006 and #2140)
	Existing Dominion Transmission Line		Segment 2A Proposed Route (Line #5008)
			Segment 2B Proposed Route (Line #5008)
			Segment 3 Mainline Proposed Route (Line #5008)
			Segment 4 Proposed Route (Line #5008)
			Pageland Proposed Route 1 (Existing Lines #5006 and #2140/2176)

**Attachment I.A.1.a**  
**Project Overview**  
**Morrisville-Wishing Star 500-230 kV**  
**Electric Transmission Project**  
 Dominion Energy Virginia  
 Fauquier, Prince William, and Loudoun Counties, Virginia




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NOVA Load Area	<b>Project Components</b>	Gainesville Proposed Route 1 (Existing Lines #5006 and #2140)
<b>Dominion Facilities</b>	Segment 1 Proposed Route (Lines #5008 and #2464)	Pageland Proposed Route 1 (Existing Lines #5006 and #2140/2176)
Existing Station	Segment 2A Proposed Route (Line #5008)	Segment 4 Proposed Route (Line #5008)
Future Station	Segment 2B Proposed Route (Line #5008)	
Existing Dominion Transmission Line	Segment 3 Mainline Proposed Route (Line #5008)	



**Attachment I.A.1.b**  
**NOVA Load Area**  
**Morrisville-Wishing Star 500-230 kV**  
**Electric Transmission Project**  
 Dominion Energy Virginia  
 Fauquier, Prince William, and Loudoun Counties, Virginia



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## **Dominion Energy Virginia Preliminary Review of Potential Routing Options Morrisville-Wishing Star Line #5008**

In development of a potential routing option for the new 500 kV line between the Morrisville and Wishing Star Stations to submit to PJM to address the violations identified in the 2022 RTEP, the Company first preliminarily reviewed, but rejected, overhead and underground<sup>1</sup> greenfield options within the Project area. The overhead options included an entirely greenfield route for Line #5008 between Morrisville and Wishing Star Stations and a partial greenfield route for Line #5008 between the Sumerduck area and Vint Hill Station. The underground option included a single circuit 500 kV gas insulated line (“GIL”) between Vint Hill and Wishing Star Stations. Based on the Company’s first preliminary review of these overhead and underground options, they were rejected prior to reaching conceptual design phase and were not presented to PJM<sup>2</sup> as part of the Company’s proposed solution to the violations identified in the 2022 Open Window #3, as discussed below.<sup>3</sup>

### ***Overhead Options for Line #5008***

As part of this first preliminary review, the Company determined that an entirely overhead greenfield option would be infeasible<sup>4</sup> due to numerous constraints and developments, both existing and planned, located throughout the area, particularly in Fauquier County, and between the Vint Hill and Wishing Star Stations. Specifically, due to significant land use constraints in all three counties, the Company rejected an end-to-end overhead greenfield option as infeasible. These constraints include large amounts of federal-, state-, and locality-owned public lands, conservation and other restrictive land use easements, and developed commercial and residential areas. In particular, there are significant conservation easements throughout Fauquier County; there are significant amounts of development in and near Manassas, Gainesville, Haymarket, and the east-to-west Interstate 66 (“I-66”) corridor in Prince William County; and there are highly developed areas surrounding Wishing Star Station in Loudoun County. As a result, an entirely overhead greenfield option for the new 500 kV line was rejected as infeasible. Additional

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<sup>1</sup> Entirely separate from the underground GIL option described herein, the Company also performed a high level internal review of traditional underground construction of Line #5008 from Morrisville-Wishing Star utilizing cross-linked polyethylene (“XLPE”) standard installation, which identified multiple challenges and a cost in excess of \$2 billion. Presumably, an overhead-underground hybrid would face similar challenges and costs. Given the existing corridor is already impacted by overhead lines that can accommodate installation of Lines #5008 and #2464 primarily within the existing right-of-way corridor and the constructability challenges identified by the Company’s preliminary review of traditional underground construction, the Company did not pursue additional evaluation or design of traditional underground construction for Line #5008.

<sup>2</sup> Importantly, any overhead or underground routing option preliminarily reviewed by the Company for location of Line #5008 would need to extend from Morrisville Station to Wishing Star Station and be designed to meet the same ratings and overall performance as the Project as proposed. As none of the options reviewed and described herein achieve those goals, they were not conceptually designed or presented to PJM as part of the Company’s proposed solution to the violations identified in the 2022 Open Window #3.

<sup>3</sup> This review was completed internally by the Company prior to the Company’s engagement of Environmental Resources Management (“ERM”) and was therefore outside of the scope of work performed by ERM.

<sup>4</sup> In this context, infeasible is defined as not capable of being carried out under the current project and regulatory parameters.

discussion of the constraints in each locality is provided below.

Fauquier County

- Conservation easements and a cluster of existing residences immediately west and south of Mary Walker Elementary School and existing residences north and east of Morrisville Station complicated greenfield routing opportunities.
- Additional conservation easements throughout Fauquier County would need to be avoided and would likely require a longer, circuitous route to avoid them, rather than the existing corridor, which is two straight lines in Fauquier County.

Prince William County

- The Warrenton-Fauquier Airport, due north of Morrisville Station, further complicating an end-to-end overhead greenfield option north into Prince William County. To avoid airport approach surfaces, a much longer greenfield option deviating miles from the existing corridor would have likely been required before turning a route back to the existing corridor at Vint Hill Station in Prince William County to traverse densely developed areas, making the greenfield options impractical.
- The Company's existing transmission corridor in Prince William County crosses pockets of developed and developing lands, public lands, and high-density residential areas, with residential developments extending both east and west of the existing corridor along Vint Hill Road and Linton Hall Road for several miles, thereby creating challenges to greenfield routing opportunities. In addition, there are no undeveloped corridors around Manassas, Gainesville, and Haymarket that present obvious routing opportunities, and much of the remaining undeveloped land within a few miles of the existing corridor near these roadways is proposed or planned for future development.
- North of I-66 within Prince William County, the Company's existing transmission corridor crosses the western edge of Manassas National Battlefield Park ("MNBP"), which is federal land administered by the U.S. National Park Service ("NPS"), encompassing lands associated with the First Manassas and Second Manassas battles during the Civil War. Transmission line crossings of NPS lands pose permitting complexities given NPS's mission to conserve and protect the land it manages for the enjoyment of future generations. Consistent with the Organic Act of 1916, which created the NPS, the agency is tasked with preserving the natural, cultural, and historic resources it manages in a pristine state. Infrastructure, like transmission lines, typically is considered incompatible with this mission. While the Company recognizes at this time that there could be potential greenfield route alternatives that avoid the MNBP, no additional alternative areas were identified with the exception of the approximately 0.2-mile wide area of private land where a new route could be located between the MNBP and state-owned Conway Robinson State Forest, located adjacent to the existing corridor, meaning

any overhead greenfield options would likely follow a similar path as the existing corridor in this area or require a substantially longer route to avoid MNBPs and developed areas along I-66.

### Loudoun County

- Further north in Loudoun County, particularly between the crossings of Braddock Road and Little River Turnpike, high-density residential and commercial developments flank the existing transmission corridor extending both east and west for several miles with limited to no room to route a new 500 kV transmission line without encroaching on homes, following roads, or following waterbodies as much of the remaining undeveloped land consists of riparian corridor.

Given all of these land use constraints, an end-to-end overhead greenfield option for a new 500 kV transmission line between Morrisville and Wishing Star Stations was determined to be infeasible and therefore was rejected.

While existing conservation easements and publicly-owned lands surrounding the Morrisville Station severely limit a greenfield option entering/exiting the station, a greenfield route extending from an existing transmission line corridor in the Sumerduck area (approximately 2.5 miles south of Morrisville Station) to the Vint Hill Station was considered during this preliminary review and determined to be impractical<sup>5</sup> as it would be longer than the existing transmission corridor, creating increased impacts and significantly higher costs.

Accordingly, the Company rejected these overhead greenfield options for Line #5008 prior to reaching conceptual design phase and did not present them to PJM as part of the proposed solution to the violations identified in the 2022 Open Window #3.

### ***Underground Option for Line #5008***

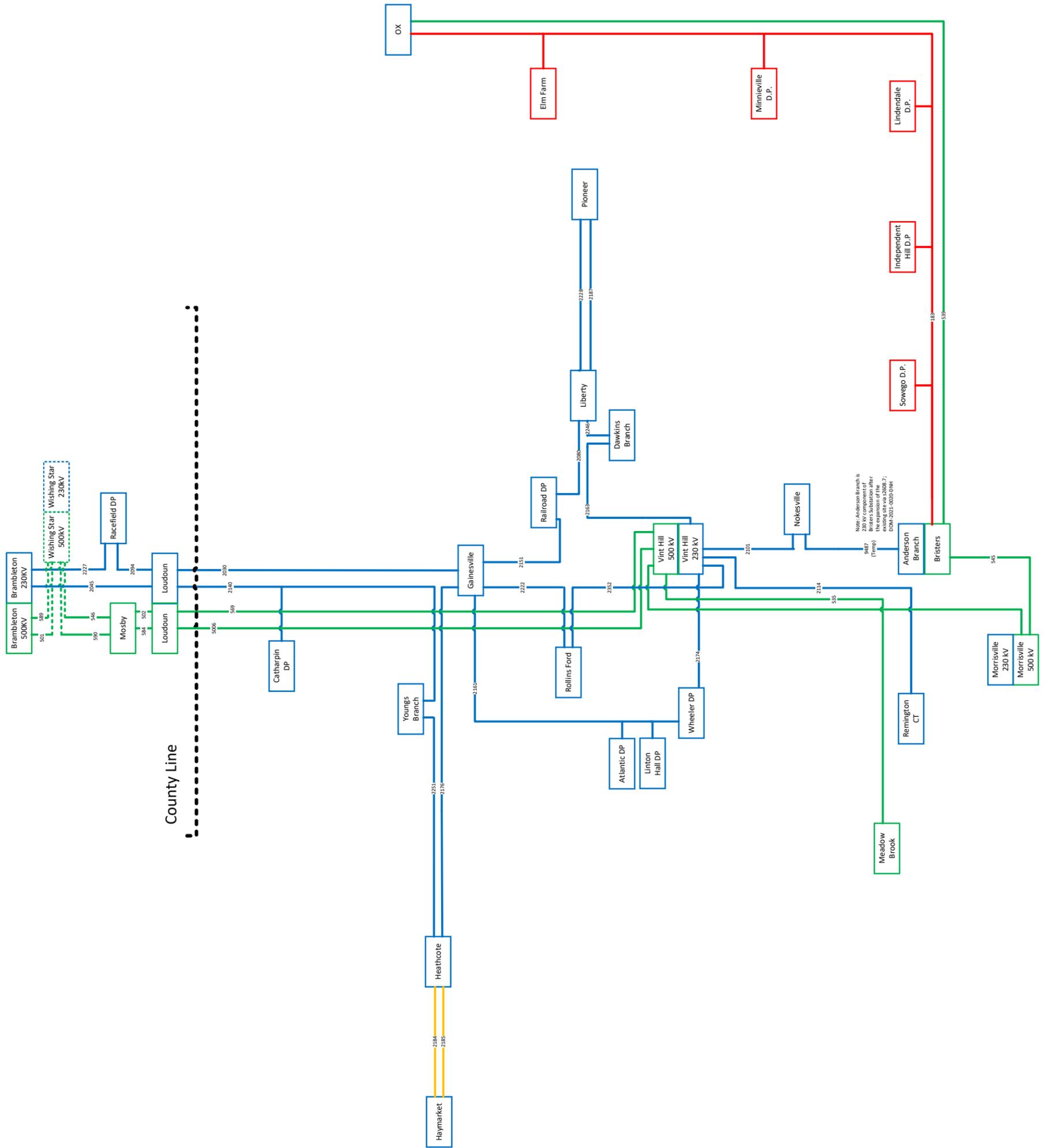
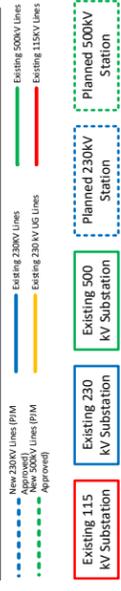
As part of this first preliminary review, the Company considered but rejected for Line #5008 installation of an underground single circuit 500 kV GIL between the Vint Hill and Wishing Star Stations. Specifically, the Company considered the feasibility of undergrounding a single circuit 500 kV GIL for approximately 18 miles, connecting Vint Hill Station to Wishing Star Station. This underground GIL option included three-phase, 5000 amp-rated, 30-inch diameter pipes that would be direct buried (4-foot depth, 75-foot spacing center-on-center). The route for the GIL alternative would utilize existing right-of-way but would require procuring underground rights for the existing right-of-way.

The Company rejected an underground GIL option based on multiple challenges identified to underground installation, including environmental, construction (the unprecedented length of 500 kV GIL and road crossings in particular), costs, schedule, and operational challenges. All of these challenges would require resolution before an underground installation could be determined to be technically feasible. Accordingly, the Company rejected an underground GIL option.

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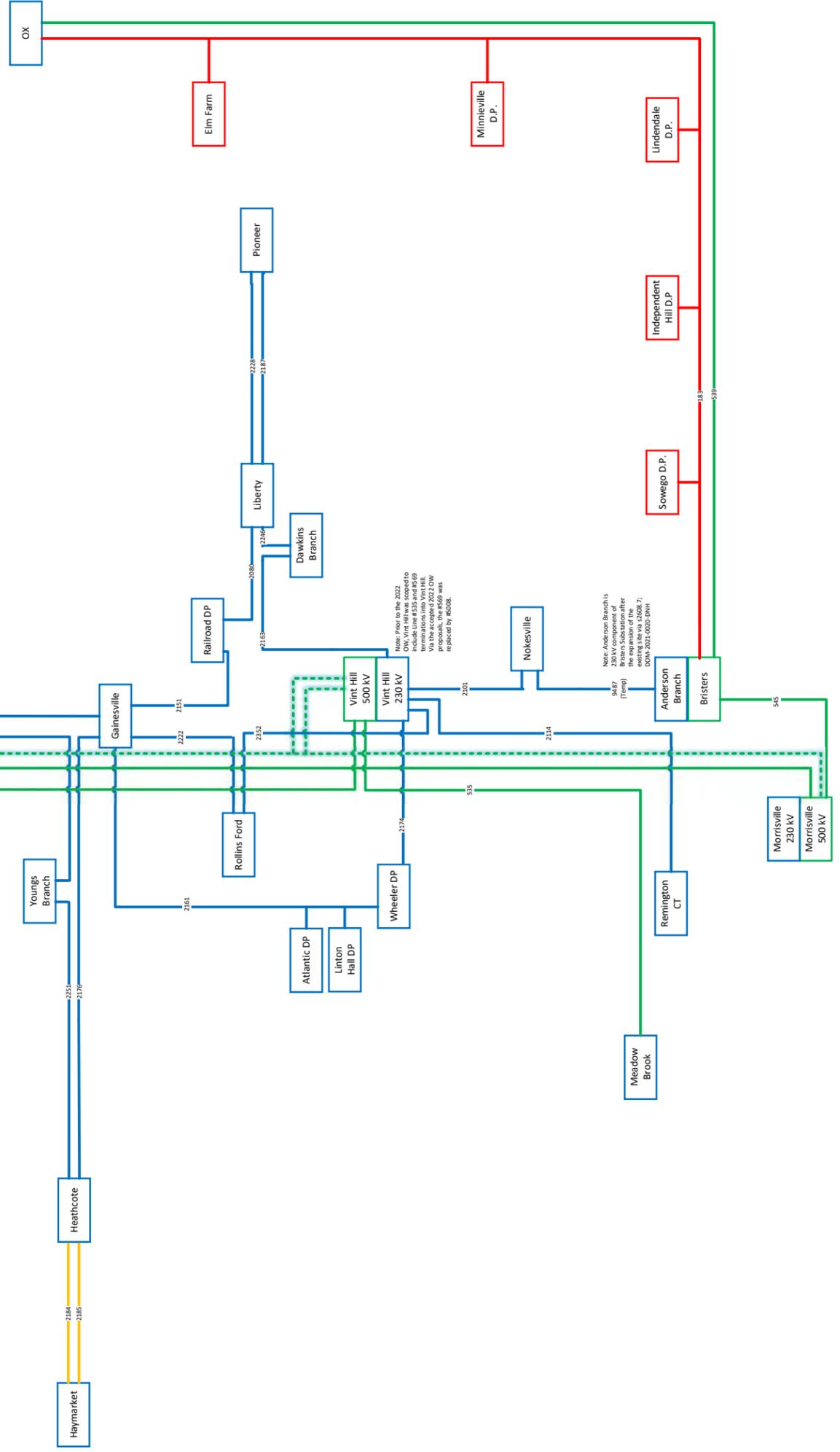
<sup>5</sup> In this context, impractical is defined as not likely to succeed or be effective in real circumstances.



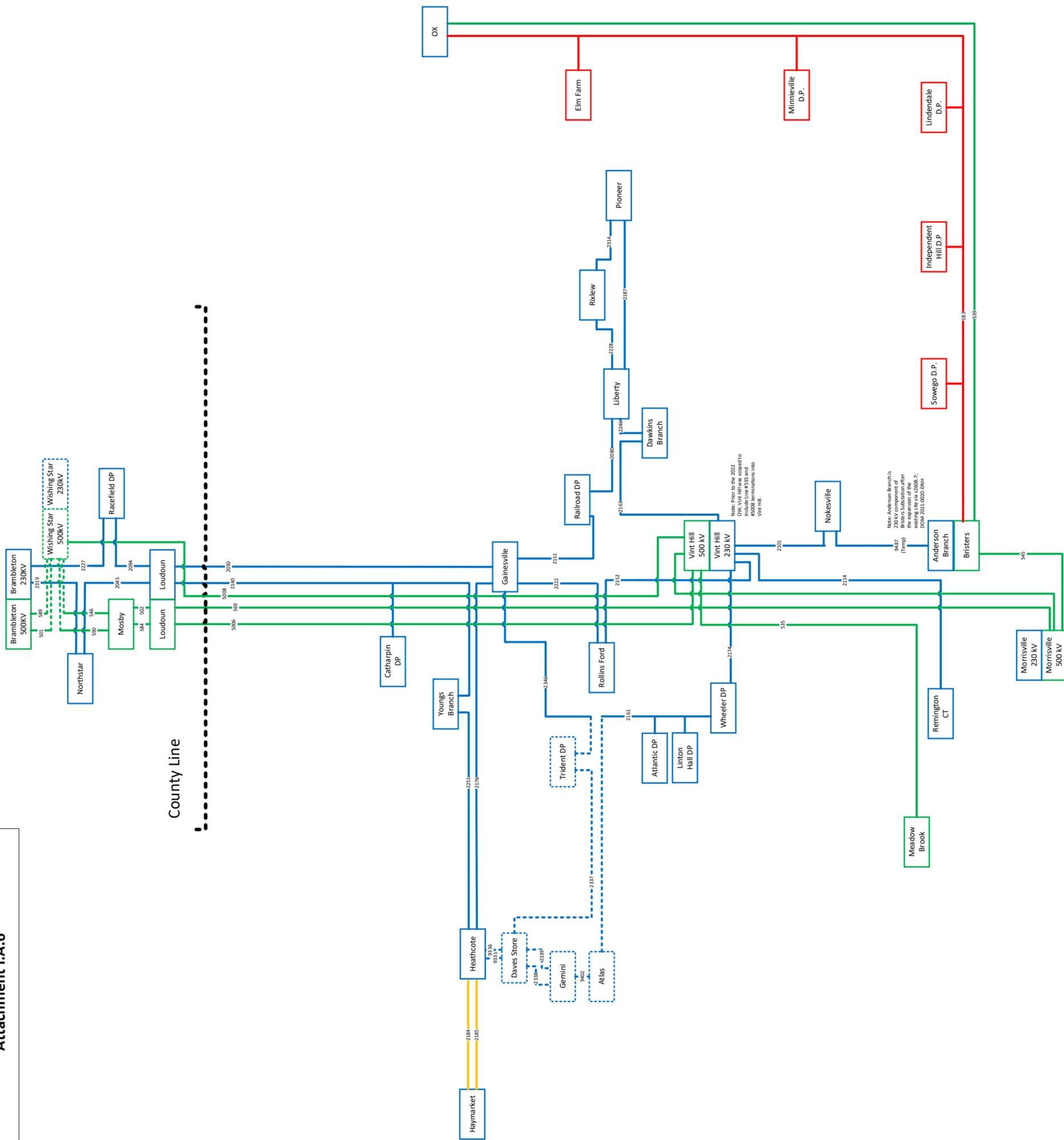
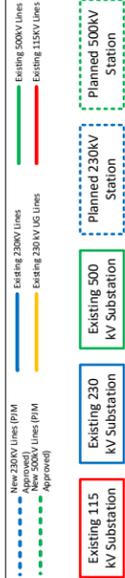




County Line



Morrisville – Wishing Star -2029 RTEP Configuration  
(Pre-Window; Projects approved by PJM Excluded)







**I. NECESSITY FOR THE PROPOSED PROJECT**

- B. [1] Detail the engineering justifications for the proposed project (for example, provide narrative to support whether the proposed project is necessary to upgrade or replace an existing facility, to significantly increase system reliability, to connect a new generating station to the Applicant’s system, etc.). [2] Describe any known future project(s), including but not limited to generation, transmission, delivery point or retail customer projects, that require the proposed project to be constructed. [3] Verify that the planning studies used to justify the need for the proposed project considered all other generation and transmission facilities impacting the affected load area, including generation and transmission facilities that have not yet been placed into service. [4] Provide a list of those facilities that are not yet in service.**

Response: **[1] Engineering Justification for Project**

*Detail the engineering justifications for the proposed project (for example, provide narrative to support whether the proposed project is necessary to upgrade or replace an existing facility, to significantly increase system reliability, to connect a new generating station to the Applicant’s system, etc.).*

See Section I.A of the Appendix.

**[2] Known Future Projects**

*Describe any known future project(s), including but not limited to generation, transmission, delivery point or retail customer projects, that require the proposed project to be constructed.*

The proposed Project is needed to resolve violations of mandatory NERC Reliability Standards identified in the 2022 and 2024 RTEP cycles as described in Section I.A and Section I.D. All future transmission, distribution, and/or customer projects planned for the NOVA Load Area will require the construction of this Project, as well as others that are planned for this area. See, for example, Attachment I.A.8, which depicts DP requests received and reviewed by the Company in the Project area as of January 2026. The Project is one of many future reliability upgrades and greenfield projects that the Company and PJM are working on to address the continued load growth in the NOVA Load Area.

Importantly, upon acceptance by the PJM Board into the 2023 RTEP on December 11, 2023 (as to Line #5008 and full wreck and rebuild of the Morrisville-Wishing Star Corridor), and into the 2025 RTEP on February 26, 2025 (as to Line #2464), the approved solutions became a component of the baseline transmission topology for all future RTEP models serving as the basis for open window solicitations, supplemental projects, and other analyses. As a result, those approved solutions are required by all future reliability and customer-load driven transmission projects approved by PJM Stakeholders and the PJM Board through the Supplemental M-3 and Competitive Planning Processes, including emergency work and non-

approved grid activities within the PJM footprint. Similarly, those approved solutions require the transmission-level projects approved and added through all prior RTEP cycles. In general, then, removal of any projects from the RTEP, or significant modification to the scope of any projects as approved by the PJM Board, would risk the potential of harming the effectiveness of the transmission-level reliability projects planned to energize those projects after completion.

As discussed in Section I.A, the Company's proposed solution to PJM that was included in the PJM Board-approved 2023 RTEP to solve the violations identified in the 2022 RTEP involved constructing proposed Line #5008 within the existing Morrisville-Wishing Star Corridor by wrecking and rebuilding all of the transmission line facilities within that corridor. In doing so, the Line #5008 proposed solution included in the PJM Board-approved 2023 RTEP called for upgrading the existing transmission line facilities in the Morrisville-Wishing Star Corridor to the Company's current standards.<sup>59</sup> The tables below provide the existing and anticipated normal and emergency Summer and Winter ratings for all of the transmission lines within the Morrisville-Wishing Star Corridor before and after the full wreck and rebuild of the entire corridor contemplated by the approved solution. See also Attachment I.J.4 (slides 29-30).

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<sup>59</sup> In this context, "upgrading" means the work required on the structures, lines, and related hardware consistent with the Company's current standards.

**Existing Facility Ratings**  
*Prior to Wreck and Rebuild of Entire Corridor*

Branch	SN/SE/WN/WE (MVA)
500kV Line #545 Bristers – Morrisville	3426/3426/4375/4375
500kV Line #569 Loudoun - Morrisville	3426/3426/3464/3464
500kV Line #535 Vint Hill – Loudoun	3572/3622/4560/4599
500kV Line #546 Mosby - Wishing Star	4295/4357/5155/5155
500kV Line #590 Mosby - Wishing Star	3464/3464/3984/4018
230kV Line #2030 Gainesville – Loudoun	1047/1047/1160/1160
230kV Line #2045 Loudoun – Brambleton	1047/1047/1160/1160
230kV Line #2094 & 2227 Brambleton - Racefield - Loudoun	1047/1047/1160/1160
230kV Line #2101 Bristers - Vint Hill	1047/1047/1160/1160
230kV Line #2114 Remington CT - Rollin Ford	1573/1573/1648/1648
230kV Line #2140 Loudoun – Heathcote	1047/1047/1160/1160
230kV Line #2151 Railroad DP – Gainesville	1573/1573/1648/1648
230kV Line #2163 Vint Hill – Liberty	1573/1573/1648/1648
230kV Line #2176 Heathcote – Gainesville	1047/1047/1160/1160
230kV Line #2222 Rollins Ford – Gainesville	1573/1573/1648/1648
115kV Line #183 Bristers – Ox	1573/1573/1648/1648 (@230kV)
500kV Line Vint Hill to Wishing Star	NA
500kV Line Morrisville - Vint Hill	NA

**Preliminary Facility Ratings**  
*Anticipated After Wreck and Rebuild of Entire Corridor*

Branch	SN/SE/WN/WE (MVA)
500kV Line #545 Bristers – Morrisville	4357/4357/5155/5155
500kV Line #569 Loudoun - Morrisville	4357/4357/5155/5155
500kV Line #535 Vint Hill – Loudoun	4357/4357/5155/5155
500kV Line #546 Mosby - Wishing Star	4357/4357/5155/5155
500kV Line #590 Mosby - Wishing Star	4357/4357/5155/5155
230kV Line #2030 Gainesville – Loudoun	1573/1573/1648/1648
230kV Line #2045 Loudoun – Brambleton	1573/1573/1648/1648
230kV Line #2094 & 2227 Brambleton - Racefield - Loudoun	1573/1573/1648/1648
230kV Line #2101 Bristers - Vint Hill	1573/1573/1648/1648
230kV Line #2114 Remington CT - Rollin Ford	1573/1573/1648/1648
230kV Line #2140 Loudoun – Heathcote	1573/1573/1648/1648
230kV Line #2151 Railroad DP – Gainesville	1573/1573/1648/1648
230kV Line #2163 Vint Hill – Liberty	1573/1573/1648/1648
230kV Line #2176 Heathcote – Gainesville	1047/1047/1160/1160
230kV Line #2222 Rollins Ford – Gainesville	1573/1573/1648/1648
115kV Line #183 Bristers – Ox	1573/1573/1648/1648 (@230kV)
500kV Line Vint Hill to Wishing Star	4357/4357/5155/5155
500kV Line Morrisville - Vint Hill	4357/4357/5155/5155

While the solution included in the 2023 RTEP is comprised of construction of Line #5008 within the existing Morrisville-Wishing Star through a full wreck and rebuild of the entire corridor, the Company determined that successful timely construction would require optimization of the existing corridor in segments with (1) expanded or new right-of-way and targeted wrecking and rebuilding of certain existing 500 kV and 230 kV lines within the corridor segment as needed, or (2) the full wreck and rebuild of the existing corridor where expanded or new right-of-way is not available within the corridor segment (*i.e.*, the Expanded Corridor Optimization), as discussed in Section I.A. As a result, certain existing transmission line facilities, such as infrastructure located where expanded or new right-of-way is proposed, will not be upgraded as part of the proposed Project.<sup>60</sup> Even so, as shown in Section I.D, the Company's proposed Project, including construction of Lines #5008 and #2464 and the wreck and rebuild of certain limited 500 kV and 230 kV facilities as proposed herein, solves all of the violations assigned by PJM as part of the 2022 Reliability Open Window #3 and 2024 Reliability Open Window #1.

That said, internal future planning studies recently performed by the Company have identified potential thermal constraints along the sections of the 500 kV and 230 kV infrastructure that are not being upgraded in the Morrisville-Wishing Star Corridor as part of the proposed Project. As a result, the Company has begun development of future improvements to upgrade the remainder of the transmission line facilities within the Morrisville-Wishing Star Corridor that are not upgraded by the Project. The Company will communicate with PJM regarding timing for this remaining work and will coordinate with PJM to verify the identified drivers, such as thermal, voltage, and/or generator deliverability violations.<sup>61</sup>

### **[3] Planning Studies**

*Verify that the planning studies used to justify the need for the proposed project considered all other generation and transmission facilities impacting the affected load area, including generation and transmission facilities that have not yet been placed into service.*

As part of any RTEP cycle, PJM and the member TOs run baseline reliability

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<sup>60</sup> As noted in Section I.A, the Expanded Corridor Optimization consists of a partial wreck-and-rebuild within the Morrisville-Wishing Star Corridor in parts of Segments 1, 2B, 3 and 4, with an expansion of existing right-of-way required between Bristers and Loudoun/Mosby Stations in parts of Segments 2A, 2B, and 3, and in parts of Segment 4 between Mosby and Wishing Star Stations, and new right-of-way required in parts of Segments 2B and 3.

<sup>61</sup> To be clear, the Project as proposed—which includes Line #5008, Line #2464, and the Corridor Expansion Optimization—solves all of the violations that were identified by PJM in the 2022 and 2024 RTEP Open Windows. Consistent with prudent planning, however and as discussed above, the Company's Transmission Planning group has continued to evaluate loading projections and construction timelines related to the remainder of the 500 kV and 230 kV lines that are not being wrecked and rebuilt within Morrisville-Wishing Star Corridor for the proposed Project as part of its internal future planning studies. The Company will continue this ongoing review as to new violations and will coordinate further with PJM regarding the same. The Company will seek separate Commission approval of that additional future work at the appropriate time, to the extent additional approval is required. *See supra*, n.18 and n.51.

analysis to identify if any potential violations exist based on projected network topology and loading. A portion of Manual 14B Section 1.4.1.1 describes the process from a high level:

PJM Manual 14 B – 1.4.1.1 Baseline reliability analyses

The PJM Transmission System (“PJM System”) provides the means for delivering the output of interconnected generators to the load centers in the PJM energy and capacity markets. Baseline reliability analyses ensure the reliability, safety, security, and adequacy of the Transmission System to serve all existing and projected long term firm transmission service, and existing and projected native load growth. RTEP baseline analyses include voltage and thermal analysis, system stability, load deliverability, and generator deliverability testing. These tests variously entail single and multiple contingency testing for violations of established NERC reliability criteria regarding stability, thermal line loadings and voltage limits.<sup>62</sup>

Any thermal, voltage, or generator deliverability violations will require a baseline network upgrade. Typically, during the RTEP cycle, PJM is focused on a case that is five years out in time. The 2022 RTEP Open Window #3 for this Project, which was based on the 2022 RTEP 2027 case and subsequently tested on the 2022 RTEP 2028 case, showed multiple N-1, N-1-1, and Generator Deliverability violations in the NOVA Load Area. The 2022 RTEP Open Window #3 study results show the worst violations for each monitored facility (transmission line or station transformer). *See, e.g., Attachment I.D.1, which* contains a summary table of all flowgate IDs addressed by the inclusion of Line #5008 into the 2022 RTEP model, and Attachments I.D.2-7, which provide a comparison of results from the analysis of the pre- and post-Line #5008 case models. The list of violations is significantly reduced based on Line #5008 being implemented into the case.

Additionally, Section I.D of the Appendix lists the study results and identified secondary violations from the 2024 RTEP Open Window #1, based on the 2024 RTEP 2029 case, requiring the need for the Anderson Branch-Morrisville Line #2464.

**[4] Facilities List**

*Provide a list of those facilities that are not yet in service.*

All projects not yet in service would be affected by this Project due to the wreck and rebuild of major 500 kV sources for Fauquier, Prince William, and Loudoun Counties. See Attachment I.A.1.b for the general boundary of the affected NOVA Load Area as defined herein and Attachment I.A.8 for a one-line diagram showing

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<sup>62</sup> See *supra*, n.33.

an approximate location of every DP request received by Dominion Energy Virginia in the vicinity of the proposed Project as of January 2026.

## I. NECESSITY FOR THE PROPOSED PROJECT

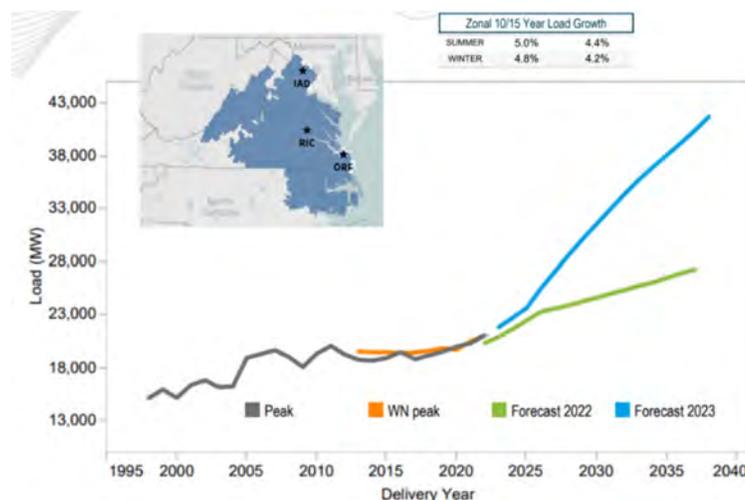
- C. Describe the present system and detail how the proposed project will effectively satisfy present and projected future electrical load demand requirements. Provide pertinent load growth data (at least five years of historical summer and winter peak demands and ten years of projected summer and winter peak loads where applicable). Provide all assumptions inherent within the projected data and describe why the existing system cannot adequately serve the needs of the Applicant (if that is the case). Indicate the date by which the existing system is projected to be inadequate.

Response: Attachment I.G.1 shows the portion of the Company's transmission system in the area of the proposed Project. The existing 500 kV lines being rebuilt as part of the proposed Project are part of the Company's 500 kV system, which supports the transfer of bulk power from generating resources to major load centers.

The tables in Attachment I.C.1 provide 5 years of historical summer and winter loads and 10 years of projected summer and winter peak loads for the NOVA Load Area. The discussion below provides an overview of the historical and projected load growth in the Project area based on the 2023, 2024, 2025, and 2026 PJM Load Forecasts.

### PJM Load Forecast

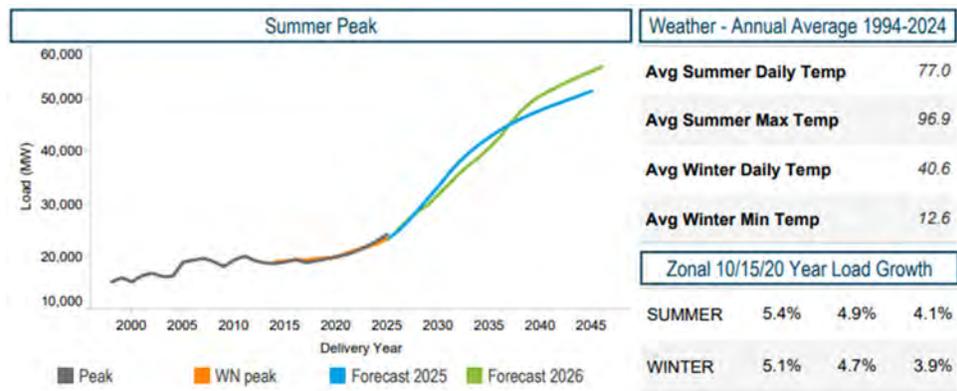
The 2023 PJM Load Forecast<sup>63</sup> was significantly adjusted to account for substantial ongoing growth in the data center market from the previous 2019-2022 forecasts. For example, as illustrated by the graph below, in comparison to the 2022 PJM Load Forecast, the 2023 forecast was 2,440 MW greater in 2027/28. The PJM 2022 Load Forecast for 2022 was surpassed by the 2022 DOM Zone actual recorded summer system peak by 628 MW.



<sup>63</sup> See <https://www.pjm.com/-/media/library/reports-notice/load-forecast/2023-load-report.ashx> for a copy of the 2023 PJM Load Report.

Load projection methodologies accounting for data center growth generally can be grouped into three perspectives: (i) RTO methodology; (ii) distribution company methodology; and (iii) data center customer methodology. The PJM Load Forecast includes input from the TOs on data center growth, but traditionally has been scaled down consistent with PJM’s projection methodology. NOVEC and Dominion Energy Virginia distribution load forecasts typically involve taking customer-requested load ramps to project load growth based on historical knowledge of the customer requesting the new data center. The data center customer typically requests the maximum capacity that their data center building can support to ensure they are able to fully utilize or lease their building investment.

The 2026 PJM Load Forecast,<sup>64</sup> the latest forecast released at the time of this filing, continues to display the increasing demand on the Company’s existing transmission assets, displaying a projected 5.4% 10-year and 4.9% 15-year load growth for the DOM zone, an increase from the 2023 projection of 5.0% and 4.4%, respectively. An illustration of the latest Summer peak projections released by PJM is shown below.



The tables in Attachment I.C.1 provide the historical and anticipated summer and winter peak loads from 2020 to 2035 for this area. The projected loads in Attachment I.C.1 represent the Company’s forecasted peaks based on actual load and the 2025 PJM Load Forecast and demonstrate stable load demand in the area. Over the period from 2020 to 2035, the summer peak electrical demand for the NOVA Load Area is projected to vary between approximately 10,999 MW and 32,071 MW, and the winter peak electrical demand for this area is projected to vary between approximately 10,607 MW and 31,215 MW. The Company anticipates that the load will only continue to grow in the NOVA Load Area, including the Fairfax and Woodbridge zones, as supported by the 2026 PJM Load Forecast.

As discussed in Sections I.A and I.B, the NOVA Load Area faces continuous yearly growth, as supported by PJM’s forecasted projections released between 2023 and 2026. The 2026 PJM Load Forecast, and trend of increasing PJM forecast projections year-over-year from 2023 through 2025, is sufficient to drive the need

<sup>64</sup> See *supra*, n.31.

for a robust electrical solution to be implemented, as proposed by the Project.

Failure to relieve the identified NERC criteria violations will severely impact the transmission system's ability to provide reliable service to Dominion Energy Virginia's customers in the NOVA Load Area. The proposed Project, including the 500 kV and 230 kV facilities described herein, will provide the most comprehensive, robust solution for resolving the projected NERC reliability violations identified in the 2022 and 2024 RTEP cycles, as well as provide for future load growth.

I.C.1

Historical and Forecasted MW Loads - NOVA Load Area (Fairfax and Woodbridge Load Areas)

Station/ Year	Historical										Projected									
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035				
Fairfax	3988	4477	5166	5464	5982	7798	10988	13584	15570	17262	18303	19339	19896	20139	20312	20410				
Woodbridge	2134	2078	2383	2552	2654	3201	3956	4901	6110	7028	8106	9188	10192	10868	11376	11661				
<b>TOTALS</b>	<b>6122</b>	<b>6555</b>	<b>7549</b>	<b>8016</b>	<b>8636</b>	<b>10999</b>	<b>14944</b>	<b>18485</b>	<b>21680</b>	<b>24290</b>	<b>26409</b>	<b>28527</b>	<b>30088</b>	<b>31007</b>	<b>31688</b>	<b>32071</b>				

Station/ Year	Historical										Projected									
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035				
Fairfax	3212	3421	4092	4320	5032	7518	9394	11604	13507	15489	17082	18143	18984	19452	19732	19885				
Woodbridge	1558	1587	2100	2262	2305	3089	3670	4237	5003	6096	7028	8230	9263	10139	10836	11330				
<b>TOTALS</b>	<b>4770</b>	<b>5008</b>	<b>6192</b>	<b>6582</b>	<b>7337</b>	<b>10607</b>	<b>13064</b>	<b>15841</b>	<b>18510</b>	<b>21585</b>	<b>24110</b>	<b>26373</b>	<b>28247</b>	<b>29591</b>	<b>30568</b>	<b>31215</b>				

\* Historical loads are coincident with the Company's system peak

\*\* The Fairfax and Woodbridge Load Zones were totaled to create the NOVA Load Area

## I. NECESSITY FOR THE PROPOSED PROJECT

- D. If power flow modeling indicates that the existing system is, or will at some future time be, inadequate under certain contingency situations, provide a list of all these contingencies and the associated violations. Describe the critical contingencies including the affected elements and the year and season when the violation(s) is first noted in the planning studies. Provide the applicable computer screenshots of single-line diagrams from power flow simulations depicting the circuits and substations experiencing thermal overloads and voltage violations during the critical contingencies described above.**

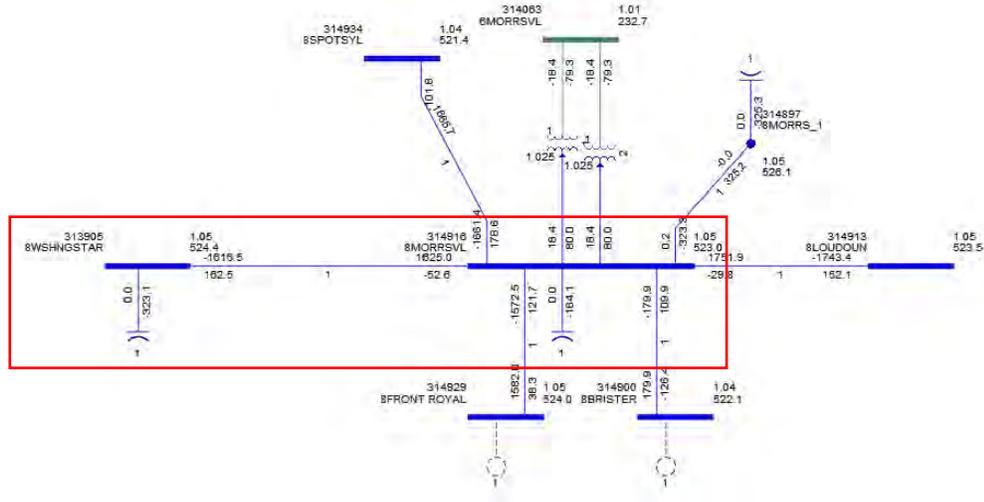
Response: **2022 RTEP Open Window #3**

See [Attachment I.D.1](#) for the 2022 Open Window #3 Flowgate Violations Summary; [Attachment I.D.2](#) for the N-1 Thermal (Summer); [Attachment I.D.3](#) for the Generator Deliverability (Summer); [Attachment I.D.4](#) for the N-1 Thermal (Light Load); [Attachment I.D.5](#) for the Generator Deliverability (Light Load); [Attachment I.D.6](#) for the N-1 Thermal (Winter); and [Attachment I.D.7](#) for the Generator Deliverability (Winter). Note that flowgates resolved by the inclusion of Line #5008 into the RTEP model are highlighted in green on various of these attachments.

Via the release of the case models and results for each competitive open window by PJM, identification numbers (referred to as “flowgate IDs”) are assigned to each unique pair of monitored facilities and contingencies in violation of criteria violations defined by the PJM planning process. [Attachment I.D.1](#) contains a summary table of all flowgate IDs addressed by the inclusion of Line #5008 into the 2022 RTEP model, while [Attachments I.D.2-7](#) provide a comparison of results from the analysis of the pre- and post-Line #5008 case models.

A screenshot from Siemens PSS/E has been provided in Figure 1 below, indicating the location of Line #5008 within the 2027 RTEP planning model.

**Figure 1:** Inclusion of the Line #5008 into the 2022 RTEP 2027 Model



**2024 RTEP Open Window #1**

Via the 2024 RTEP Open Window #1, PJM accepted proposals to resolve the secondary (N-1-1) thermal criteria violations that were identified in the 2029 RTEP model. To validate the effect of Line #2464, Table 1 below contains the N-1-1 thermal analysis results of the 2029 RTEP model containing all projects approved by PJM in the 2024 RTEP Open Window 1 except for Line #2464. This 2029 RTEP model was released in January 2025, providing the latest known topology within the study area at the time of this filing. As identified by the analysis, the removal of Line #2464 results in an N-1-1 thermal violation on the Bristers 500-230 kV TX#2 under the loss of Bristers 500-230 kV TX#1 and the 500 kV line between Vint Hill Station and Yeat Station, reaching a thermal loading of approximately 105%.

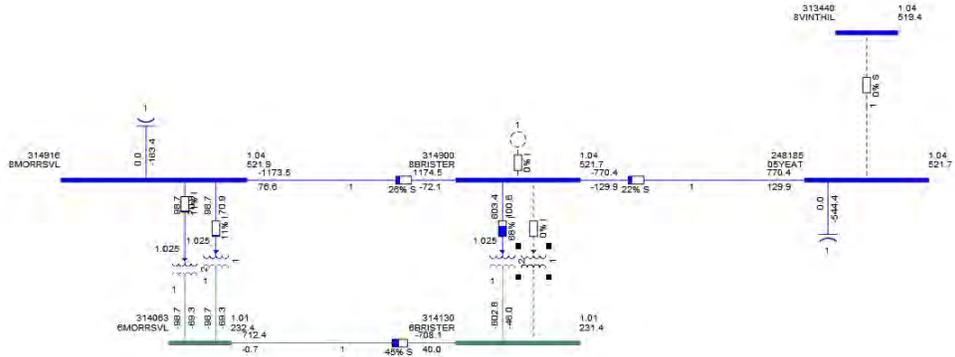
**Table 1:** Violation Observed in the 2029 RTEP Model After Removal of Line #2464

Monitored Facility	Cont Name (N-1-1 Scenario)	AC Loading %
314900 8BRISTER 500 314130 6BRISTER 230 2	05YEAT -8VINTHIL + 8BRISTER-6BRISTER	104.7

A screenshot from Siemens PSS/E has been provided in Figure 2 below, indicating the location of Line #2464 within the 2029 RTEP planning model. Figure 3 and Figure 4 have also been provided below, displaying the scenario in violation of thermal criteria as described above.



**Figure 4:** Thermal Overload on Bristers 500-230 kV TX#2 Resolved with Line #2464 Included in the 2024 RTEP 2029 Model



As further validation, an additional simulation was analyzed using the same model released in January 2025 with the inclusion of all proposals selected within the 2024 RTEP Open Window #1, and removal of both Line #5008 and Line #2464. Upon review of the analysis, Table 1 has been provided below, listing the final loading percentages in violation of N-1-1 thermal criteria on critical monitored facilities due to the removal of Lines #5008 and #2464 from the model.

**Table 2:** Violations Observed in the 2029 RTEP Model After Removal of Line #5008 and Line #2464

Monitored Facility	Cont Name (N-1-1 Scenario)	AC Loading %
248191 05YEAT230 230 314125 6VINTHIL 230 1	8LOUDOUN-8MORRSVL + 05YEAT -8VINTHIL	119.5
314900 8BRISTER 500 314130 6BRISTER 230 2	05YEAT -8VINTHIL + 8BRISTER-6BRISTER	113.9
248185 05YEAT 500 314919 8OX 500 1	8LOUDOUN-8MORRSVL + 05YEAT -8VINTHIL	112.9
248191 05YEAT230 230 314125 6VINTHIL 230 1	05YEAT -8OX + 05YEAT -8VINTHIL	111.9
314900 8BRISTER 500 314130 6BRISTER 230 1	05YEAT -8VINTHIL + 8BRISTER-6BRISTER	110.1
248185 05YEAT 500 314919 8OX 500 1	8KRAKEN -8POSSUM + 05YEAT -8VINTHIL	106.27
314913 8LOUDOUN 500 314061 6LOUDOUN 230 1	8LOUDOUN-8MOSBY + 8LOUDOUN-8MOSBY	103.8
248185 05YEAT 500 314919 8OX 500 1	8LOUDOUN-8MORRSVL + 8KRAKEN -8POSSUM	102.8
314913 8LOUDOUN 500 314061 6LOUDOUN 230 2	8LOUDOUN-8MOSBY + 8LOUDOUN-8MOSBY	102.7
313862 6WHEELER 230 314125 6VINTHIL 230 1	6RAILROA-6LIBERTY + 6ROL FOR-6VINTHIL	101.3
314900 8BRISTER 500 314130 6BRISTER 230 2	05YEAT -8OX + 8BRISTER-6BRISTER	101.3
314119 6NOKESVL 230 314130 6BRISTER 230 1	8LOUDOUN-8MORRSVL + 05YEAT -8VINTHIL	100.6
314913 8LOUDOUN 500 314061 6LOUDOUN 230 2	8WSHNGST-8MOSBY + 8WSHNGST-8MOSBY	100.3
248191 05YEAT230 230 314125 6VINTHIL 230 1	8KRAKEN -8POSSUM + 05YEAT -8VINTHIL	100.2

Line #5008 and Line #2464 work in concert with other projects in the PJM model to mitigate over 80 uniquely identified projected violations across the Summer, Winter, and Light-Load PJM RTEP models developed for the 2022 RTEP Open Window #3 and 2024 RTEP Open Window #1. Further, as a result of the inclusion of Line #5008 and Line #2464, approximately 80 uniquely identified flowgates across the Summer, Winter, and Light-Load case models via N-1 and Generator Deliverability analysis were mitigated. Among the violations resolved by Line #5008 and Line #2464, 45 were observed on 500 kV lines, specifically Lines #569,

#594, and #575. Line #5008 and Line #2464 also mitigated violations across 500-230 kV transformers at Ox and Vint Hill Stations.

**2022 RTEP Open Window #3 (Flowgate Violations Resolved by the Project\*)**

\* Does not include 230 kV Anderson Branch - Morrisville Line #2464 (Submitted in separate Open Window in 2024)

FG# (ID# for Identified Violations)	Fr Bus No.	From Bus Name	To Bus No.	To Bus Name	CKT	Voltage	TO Zone	Analysis type
2022W3-GD-S2101	314039	6GALLOWA A	314052	6IDYLOWOD	1	230	345	Summer Gen Deliv
2022W3-N1-ST253N	314290	6EDFERRY	313911	6TWINCREEKS	1	230/230	345/345	Summer N-1
2022W3-GD-S1803	314934	8SPOTSYL	314916	8MORRSVL	1	500	345	Summer Gen Deliv
2022W3-N1-ST252N	314290	6EDFERRY	313911	6TWINCREEKS	1	230/230	345/345	Summer N-1
2022W3-GD-W42	314916	8MORRSVL	313440	8VINTHIL	1	500	345	Winter Gen Deliv
2022W3-GD-W43	314916	8MORRSVL	313440	8VINTHIL	1	500	345	Winter Gen Deliv
2022W3-GD-S1820	313440	8VINTHIL	314913	8LOUDOUN	1	500	345	Summer Gen Deliv
2022W3-N1-ST134	314916	8MORRSVL	313440	8VINTHIL	1	500/500	345/345	Summer N-1 Thermal
2022W3-N1-ST137	314068	6OX	314039	6GALLOWA A	1	230/230	345/345	Summer N-1 Thermal
2022W3-GD-S1777	314197	6LDYSMITH CT	313837	6SUMMIT	1	230	345	Summer Gen Deliv
2022W3-GD_118	314290	6EDFERRY	313911	6TWINCREEKS	1	230	345	Light Load Gen Deliv
2022W3-GD-W822	314916	8MORRSVL	313440	8VINTHIL	1	500	345	Winter Gen Deliv
2022W3-GD-W823	314916	8MORRSVL	313440	8VINTHIL	1	500	345	Winter Gen Deliv
2022W3-N1-ST149	314009	6BRADOCK	314052	6IDYLOWOD	1	230/230	345/345	Summer N-1 Thermal
2022W3-N1-ST150	314009	6BRADOCK	314052	6IDYLOWOD	1	230/230	345/345	Summer N-1 Thermal
2022W3-GD_117	314290	6EDFERRY	313911	6TWINCREEKS	1	230	345	Light Load Gen Deliv
2022W3-GD-W904	313440	8VINTHIL	314913	8LOUDOUN	1	500	345	Winter Gen Deliv
2022W3-GD-S1805	313837	6SUMMIT	314138	6MINE RD	1	230	345	Summer Gen Deliv
2022W3-GD-S1725	313815	6SPRINGH	314079	6RESTON	1	230	345	Summer Gen Deliv
2022W3-GD-S347	313440	8VINTHIL	314913	8LOUDOUN	1	500	345	Summer Gen Deliv
2022W3-GD-W133	314916	8MORRSVL	313440	8VINTHIL	1	500	345	Winter Gen Deliv
2022W3-N1-ST187	314039	6GALLOWA A	314052	6IDYLOWOD	1	230/230	345/345	Summer N-1 Thermal
2022W3-N1-ST23	314916	8MORRSVL	313440	8VINTHIL	1	500/500	345/345	Summer N-1 Thermal
2022W3-GD-S1664	314916	8MORRSVL	313440	8VINTHIL	1	500	345	Summer Gen Deliv
2022W3-GD-S1665	314916	8MORRSVL	313440	8VINTHIL	1	500	345	Summer Gen Deliv
2022W3-N1-WT156	314916	8MORRSVL	313440	8VINTHIL	1	500/500	345/345	Winter N-1 Thermal
2022W3-N1-ST179	314039	6GALLOWA A	314052	6IDYLOWOD	1	230/230	345/345	Summer N-1 Thermal
2022W3-N1-ST147	314068	6OX	314039	6GALLOWA A	1	230/230	345/345	Summer N-1 Thermal
2022W3-N1-ST180	314919	8OX	314068	6OX	1	500/230	345/345	Summer N-1 Thermal
2022W3-N1-WT37	314916	8MORRSVL	313440	8VINTHIL	1	500/500	345/345	Winter N-1 Thermal
2022W3-N1-WT159	314916	8MORRSVL	313440	8VINTHIL	1	500/500	345/345	Winter N-1 Thermal
2022W3-GD-S1784	314039	6GALLOWA A	314052	6IDYLOWOD	1	230	345	Summer Gen Deliv
2022W3-N1-WT12	314916	8MORRSVL	313440	8VINTHIL	1	500/500	345/345	Winter N-1 Thermal
2022W3-GD-W1125N	313440	8VINTHIL	314913	8LOUDOUN	1	500	345	Winter Gen Deliv
2022W3-GD-S1788	314916	8MORRSVL	313440	8VINTHIL	1	500	345	Summer Gen Deliv
2022W3-N1-WT15	314916	8MORRSVL	313440	8VINTHIL	1	500/500	345/345	Winter N-1 Thermal
2022W3-GD-W1124N	313440	8VINTHIL	314913	8LOUDOUN	1	500	345	Winter Gen Deliv
2022W3-N1-WT16	314916	8MORRSVL	313440	8VINTHIL	1	500/500	345/345	Winter N-1 Thermal
2022W3-N1-WT93	314916	8MORRSVL	313440	8VINTHIL	1	500/500	345/345	Winter N-1 Thermal
2022W3-GD-W1141N	313440	8VINTHIL	314913	8LOUDOUN	1	500	345	Winter Gen Deliv
2022W3-GD-W1130N	313440	8VINTHIL	314913	8LOUDOUN	1	500	345	Winter Gen Deliv
2022W3-N1-WT95	314916	8MORRSVL	313440	8VINTHIL	1	500/500	345/345	Winter N-1 Thermal
2022W3-N1-ST239	314290	6EDFERRY	313911	6TWINCREEKS	1	230/230	345/345	Summer N-1 Thermal
2022W3-GD_L359	314041	6GLEBE	314185	6RADNOR	1	230/230	345/345	Light Load Gen Deliv
2022W3-GD_L276	314041	6GLEBE	314185	6RADNOR	1	230/230	345/345	Light Load Gen Deliv
2022W3-N1-LLT121	314041	6GLEBE	314185	6RADNOR	1	230/230	345/345	Light Load N-1
2022W3-N1-LLT122	314041	6GLEBE	314185	6RADNOR	1	230/230	345/345	Light Load N-1
2022W3-N1-ST117	314916	8MORRSVL	313440	8VINTHIL	1	500/500	345/345	Summer N-1 Thermal
2022W3-N1-ST238	314290	6EDFERRY	313911	6TWINCREEKS	1	230/230	345/345	Summer N-1 Thermal
2022W3-N1-ST118	314916	8MORRSVL	313440	8VINTHIL	1	500/500	345/345	Summer N-1 Thermal
2022W3-GD-S88	314916	8MORRSVL	313440	8VINTHIL	1	500	345	Summer Gen Deliv
2022W3-GD-W1363	314916	8MORRSVL	313440	8VINTHIL	1	500	345	Winter Gen Deliv
2022W3-GD-S89	314916	8MORRSVL	313440	8VINTHIL	1	500	345	Summer Gen Deliv
2022W3-GD-W1013	313440	8VINTHIL	314125	6VINTHIL	2	500/230	345	Winter Gen Deliv
2022W3-GD-W77	314916	8MORRSVL	313440	8VINTHIL	1	500	345	Winter Gen Deliv
2022W3-N1-ST191	314009	6BRADOCK	314052	6IDYLOWOD	1	230/230	345/345	Summer N-1 Thermal
2022W3-N1-WT169	314068	6OX	314039	6GALLOWA A	1	230/230	345/345	Winter N-1 Thermal

### 2022 RTEP Open Window #3 (Flowgate Violations Resolved by the Project\*)

\*Does not include 230 kV Anderson Branch - Morrisville Line #2464 (Submitted in separate Open Window in 2024)

FG# (ID# for Identified Violations)	Fr Bus No.	From Bus Name	To Bus No.	To Bus Name	CKT	Voltage	TO Zone	Analysis type
2022W3-GD-W786	314916	8MORRSVL	313440	8VINTHIL	1	500	345	Winter Gen Deliv
2022W3-GD-S1684	314916	8MORRSVL	313440	8VINTHIL	1	500	345	Summer Gen Deliv
2022W3-GD-S1739	314916	8MORRSVL	313440	8VINTHIL	1	500	345	Summer Gen Deliv
2022W3-GD-S1217N	314290	6EDFERRY	313911	6TWINCREEKS	1	230	345	Summer Gen Deliv
2022W3-N1-ST171	314039	6GALLOWS A	314052	6IDYLWOD	1	230/230	345/345	Summer N-1 Thermal
2022W3-GD-W7982N	314290	6EDFERRY	313911	6TWINCREEKS	1	230	345	Winter Gen Deliv
2022W3-N1-ST174	314039	6GALLOWS A	314052	6IDYLWOD	1	230/230	345/345	Summer N-1 Thermal
2022W3-GD-W7981N	314290	6EDFERRY	313911	6TWINCREEKS	1	230	345	Winter Gen Deliv
2022W3-LD-ST1	223938	DICKH230	223937	DICK 230	2	230/230	233/233	Load Deliverability
2022W3-LD-ST3	223938	DICKH230	223937	DICK 230	2	230/230	233/233	Load Deliverability
2022W3-LD-ST2	223938	DICKH230	223937	DICK 230	2	230/230	233/233	Load Deliverability
2022W3-GD-S2016	314916	8MORRSVL	313440	8VINTHIL	1	500	345	Summer Gen Deliv
2022W3-GD-S1814	314918	8NO ANNA	314911	8LADYSMITH	1	500	345	Summer Gen Deliv
2022W3-N1-WT54	314916	8MORRSVL	313440	8VINTHIL	1	500/500	345/345	Winter N-1 Thermal
2022W3-N1-ST165	314916	8MORRSVL	313440	8VINTHIL	1	500/500	345/345	Summer N-1 Thermal
2022W3-GD-W319N	313440	8VINTHIL	314913	8LOUDOUN	1	500	345	Winter Gen Deliv
2022W3-N1-ST122	313815	6SPRINGH	314079	6RESTON	1	230/230	345/345	Summer N-1 Thermal
2022W3-N1-WT56	314916	8MORRSVL	313440	8VINTHIL	1	500/500	345/345	Winter N-1 Thermal
2022W3-N1-ST46	314916	8MORRSVL	313440	8VINTHIL	1	500/500	345/345	Summer N-1 Thermal
2022W3-N1-ST79	314916	8MORRSVL	313440	8VINTHIL	1	500/500	345/345	Summer N-1 Thermal
2022W3-GD-S1817	314068	6OX	314039	6GALLOWS A	1	230	345	Summer Gen Deliv
2022W3-N1-ST47	314916	8MORRSVL	313440	8VINTHIL	1	500/500	345/345	Summer N-1 Thermal
2022W3-N1-ST80	314916	8MORRSVL	313440	8VINTHIL	1	500/500	345/345	Summer N-1 Thermal

Monitored Facility	Areas	Scenario	Final AC %Loading		FG #
			Baseline (SUM)	Proposal Containing the Project (SUM)	
272504 STATELINE;3B 138 272506 STATELINE;2S 138 1 1	222	COMED P1-2: 138-L0708_P-C SRT-A	91.20	91.20	91.20
		COMED P1-2: 138-L17008_B-C SRT-A	90.93	90.93	90.94
		COMED P7-1: 345-L17723_B-C + 138-L17008_B-C SRT-A	99.07	99.07	99.09
		COMED P7-1: 345-L17724_B-C + 138-L17008_B-C SRT-A	92.29	92.29	92.31
		Base Case	93.58	93.58	93.58
		DVP P1-4: 6GRENWCH 6GRENWV 1_1 SRT-A	91.16	91.16	91.05
		AP P1-2: #983_1682_SRT-A		95.14	95.14
		AP P1-2: MP-500-5111_SRT-SL		95.00	95.00
		AP P1-2: PE-230-4251_SRT-A	91.26	91.26	96.36
		AP P1-2: PE-230-4261_SRT-A	91.28	91.28	96.39
313023 6ELIZAVRNUG 230 3151101ELIZAR3 13.8 1 1	345	AP P1-2: PE-500-4028T_SRT-A		96.40	96.40
		AP P1-3: PE-500-001_SRT-A	90.84	90.84	95.95
		AP P1-3: PE-500-002_SRT-A	90.88	90.88	95.95
		AP P1-3: PE-500-003_SRT-A	90.88	90.88	95.99
		AP P1-3: PE-500-004_SRT-A	90.84	90.84	95.95
		AP P2-2: PE-230-030A_SRT-SL		90.69	90.69
		AP P2-2: PE-500-004_SRT-SL		90.70	90.70
		AP P2-2: PE-500-005_SRT-SL		90.65	90.65
		BG P7 CONSTN NWESTRD SRT-A		90.46	90.46
		BG P7 NEAST RPHLRD SRT-A		90.22	90.22
		Base Case		95.58	95.58
		DICK TO EDFERRY SRT-A	94.52	94.52	99.42
		DVP P1-2: LN 248_SRT-A	91.13	91.13	
		DVP P1-2: LN 9224_SRT-A	91.67	91.67	
		DVP P1-2: LN 9272_SRT-A	94.67	94.67	99.72
		DVP P1-2: LN 9290_SRT-A	91.49	91.49	96.58
		DVP P1-2: LN 9303_SRT-A	94.30	94.30	99.20
		DVP P1-2: LN 9345_SRT-A	111.45	111.45	117.52
		DVP P1-2: LN 9348_SRT-A	92.76	92.76	
		DVP P1-3: 8COOSE CREEK;TX#1_SRT-A	101.62	101.62	106.93
		DVP P1-3: 8VINHIL;TX#1_SRT-A		97.69	97.69
		DVP P1-3: 8VINHIL;TX#2_SRT-A	92.37	92.37	97.69
		DVP P1-3: 8WSHNGSTAR;TX#1_SRT-A	111.45	111.45	117.53
		DVP P2-2: BRAMBLETON;B5_SRT-S	93.39	93.39	98.65
		DVP P2-2: LOUDOUN B1_SRT-S		94.46	94.46
		DVP P2-2: LOUDOUN B2_SRT-S		94.59	94.59
		DVP P2-2: LOUDOUN B3_SRT-A		94.61	94.61
		DVP P2-2: LOUDOUN B4_SRT-A		94.59	94.59
DVP P2-2: OCCOQUAN B3_SRT-S		91.63	91.63		
DVP P2-2: OCCOQUAN B4_SRT-S		91.63	91.63		
DVP P4-2: 208402_SRT-A	94.51	94.51	99.68		
DVP P4-2: 217202_SRT-A	91.92	91.92	96.40		
DVP P4-2: 217232_SRT-A	91.87	91.87	96.33		
DVP P4-2: 218302_SRT-A	94.40	94.40	99.68		
DVP P4-2: 2272152_SRT-A	92.05	92.05	96.92		
DVP P4-2: H11595_SRT-A	105.63	105.63	110.63		
DVP P4-3: H402_SRT-A	93.39	93.39	98.65		
DVP P4-6: 934511_SRT-A	104.76	104.76	110.47		
DVP P4-6: 934512_SRT-A	104.76	104.76	110.47		
DVP P4-6: 934611_SRT-A	104.86	104.86	110.60		
DVP P4-6: 934711_SRT-A	104.86	104.86	110.60		
DVP P4-6: WISHI 934512_SRT-A	104.76	104.76	110.47		
DVP P7-1: LN 2008-265_SRT-A		94.13	94.13		
DVP P7-1: LN 201-558_SRT-S		90.49	90.49		
DVP P7-1: LN 2013-248_SRT-S		92.03	92.03		
DVP P7-1: LN 2051-2212_SRT-A		93.13	93.13		
DVP P7-1: LN 207-266_SRT-A		91.64	91.64		
DVP P7-1: LN 2097-237_SRT-A		91.43	91.43		
DVP P7-1: LN 2107-265_SRT-A		91.85	91.85		
DVP P7-1: LN 2112-248_SRT-A		91.75	91.75		
DVP P7-1: LN 2137-2172_SRT-A	92.36	92.36	95.68		
DVP P7-1: LN 2151-2163_SRT-A		90.57	90.57		
DVP P7-1: LN 2187-2228_SRT-A		91.95	91.95		

Monitored Facility	Areas	Scenario ContName	Baseline (\$UM)	Final AC %Loading		FG #
				Proposal Containing the Project (\$UM)		
313399 6MARS 230 313746 6SOJOURNER 230 1 1	345	DVP_P7-1: LN 2187-9309 SRT-A	104.16		91.93	
		DVP_P7-1: LN 227-274 SRT-S			109.04	
		DVP_P7-1: LN 265-295 SRT-A			92.53	
		PECO_P1-2_5012 SRT-A/"/ \$ CHESCO \$ PECO_P1-2_5012 \$ I			90.98	
		PECO_P4_PEACH235 SRT-A/"/ \$ CHESCO \$ PECO_P4_PEACH235 \$ STBK			90.55	
		PECO_P4_PEACH245 SRT-A/"/ \$ CHESCO \$ PECO_P4_PEACH245 \$ STBK			90.74	
		PEPCO_P1_PP1A_A SRT-A			96.28	
		PEPCO_P1_PP1A_SRT-A			96.27	
		PEPCO_P4_PP16 SRT-A			93.46	
		PEPCO_P4_PP18 SRT-A			93.48	
		PEPCO_P4_PP20 SRT-A			93.48	
		PEPCO_P5_8PEPCO SRT-A			93.76	
		PEPCO_P7_1PEPCO SRT-A			92.73	
		PEPCO_P7_22PEPCO SRT-A			90.28	
		PEPCO_P7_23PEPCO SRT-A			90.31	
PIM_500_B6_P4_5_CNSTN_B SRT-A			90.58			
PN_P1-2_PN-500-010T SRT-A			96.02			
PP7 SRT-A			93.46			
DVP_P1-2: LN 2095 SRT-A			106.54			
DVP_P4-2: 209542 SRT-A			108.94			
DVP_P4-2: 209542 SRT-A			100.14			
DVP_P4-2: 209512486 SRT-A			102.37			
DVP_P4-6: 2095172 SRT-A			96.86			
DVP_P7-1: LN 2095-2137 SRT-A			100.15			
DVP_P7-1: LN 2095-2137 SRT-A			102.40			
DVP_P7-1: LN 227-274 SRT-S			105.46			
DVP_P1-2: LN 2218 SRT-A			93.76			
DVP_P1-2: LN 9349 SRT-A			108.71			
DVP_P1-2: LN 9349 SRT-A			111.33			
DVP_P4-2: 221842 SRT-A			114.84			
DVP_P4-2: 221862-2 SRT-A			101.92			
DVP_P4-2: 934962-1 SRT-A			104.38			
DVP_P4-2: 934962-2 SRT-A			102.19			
DVP_P4-2: XT2218 SRT-A			107.95			
DVP_P4-2: XT2218 SRT-A			107.95			
DVP_P4-2: XT2218 SRT-A			107.95			
DVP_P4-2: XT2218 SRT-A			104.38			
DVP_P4-6: 9349T1 SRT-A			101.92			
DVP_P7-1: LN 227-274 SRT-S			95.42			
DVP_P7-1: LN 227-274 SRT-S			112.11			
DVP_P4-2: 209519349 SRT-A			113.92			
DVP_P4-2: HIT2114 SRT-A			92.75			
DVP_P1-2: LN 5XX-2 SRT-S			97.44			
DVP_P4-2: LN 5XX-2 SRT-S			92.99			
DVP_P4-2: HIT5XX-24 SRT-A			94.92			
DVP_P7-1: LN 2222-5XX-2 SRT-A			91.60			
DVP_P7-1: LN 535-2176 SRT-S			90.30			
AP_P1-2 PE-500-402AT SRT-A			92.45			
AP_P1-2 PE-500-402BT SRT-A			92.20			
AP_P4-2 PE-500-404T SRT-A			112.78			
AP_P1-2 PE-500-407T SRT-SL			91.22			
AP_P2-3 PE-500-012 SRT-SL			106.44			
AP_P2-3 PE-500-013 SRT-SL			106.45			
DVP_P1-2: LN 2114 SRT-A			92.51			
DVP_P1-2: LN 514 SRT-A			91.22			
DVP_P1-2: LN 535 SRT-S			112.78			
DVP_P1-2: LN 539 SRT-A			105.03			
DVP_P1-2: LN 545 SRT-S			99.44			
DVP_P1-2: LN 561 SRT-A			91.96			
DVP_P1-2: LN 568 SRT-S			93.12			
DVP_P1-2: LN 563 SRT-S			92.45			
DVP_P2-2: LOUDOUN BI SRT-S			91.78			
DVP_P4-2: 53515XX-1 SRT-A			96.70			
DVP_P4-2: 5451552 SRT-S			109.78			
DVP_P4-2: H1T545 SRT-S			94.03			
DVP_P4-2: H2T539 SRT-A			96.72			
DVP_P4-2: H2T545 SRT-S			109.70			
DVP_P4-2: H2T5XX-2 SRT-A			102.67			
DVP_P4-2: H3T559 SRT-A			103.27			
DVP_P4-2: OXHHIT539 SRT-A			96.72			
DVP_P7-1: LN 535-2114 SRT-S			119.59			
					2022W3-N1-ST47	
					2022W3-N1-ST117	
					2022W3-N1-ST118	
					2022W3-N1-ST46	
					2022W3-N1-ST134	
					2022W3-N1-ST79	
					2022W3-N1-ST80	
					2022W3-N1-ST165	
					2022W3-N1-ST73	

Monitored Facility	Areas	Scenario ContName	Final AC %Loading		FG #
			Baseline (SUM)	Proposal Containing the Project (SUM)	
313721GBUTTERMILK 230 3138216PACIFIC 230 1 1	345	DVP P4-2:209519349 SRT-A	94.62	94.00	
3137336NIMBUS 230 3137436INTERCONN 230 1 1	345	DVP P4-2:209519349 SRT-A	103.70	104.36	
3137436INTERCONN 230 3140106BEAMEAD 230 1 1	345	DVP P4-2:209519349 SRT-A	117.43	118.15	
		DVP P4-2:209512186 SRT-A	93.64	95.84	
		DVP P4-2:209512186 SRT-A	90.53	92.64	
		DVP P4-2:209512186 SRT-A	92.83	95.47	
		DVP P4-2:209512186 SRT-A	93.81	96.02	
3137516STRATUS 230 3138046GREENWAY2 230 1 1	345	DVP P1-2:LN 2188 SRT-A	90.68	93.65	
3137516STRATUS 230 3140986GREENWAY1 230 1 1	345	DVP P1-2:LN 2188 SRT-A	96.68	99.67	
		DVP P4-2:218842 SRT-A	91.97	94.70	
		DVP P4-2:218842 SRT-A	90.87	93.69	
3137526TAKEOFF 230 3137746LINC PRK 230 1 1	345	DVP P1-2:LN 9234 SRT-A	91.75	93.29	
		DVP P4-2:209519349 SRT-A	105.82	107.64	
3137546AVIATOR 230 3164066AFI-147_TAP 230 1 1	345	DVP P4-2:209519349 SRT-A	91.82	97.60	
3137746LINC PRK 230 3140356DISCOVER 230 1 1	345	DVP P1-2:LN 9233 SRT-A	110.86	112.82	
		DVP P4-2:9233Y2 SRT-A	104.21	106.05	
3138046GREENWAY2 230 3138416ENTERPRIS 230 1 1	345	DVP P1-2:LN 2188 SRT-A	93.91	96.85	
		DVP P4-2:218842 SRT-A	92.02	92.02	
		DVP P4-2:2188T9300 SRT-A	90.70	90.70	
		DVP P4-2:WT2188 SRT-A	92.02	92.02	
3138056SHELLHORN1 230 3138226RUNWAY 230 1 1	345	DVP P1-2:LN 2095 SRT-A	95.85	98.18	
		DVP P4-2:209542 SRT-A	92.01	92.01	
		DVP P4-2:209542 SRT-A	90.10	91.74	
		DVP P4-2:20951213 SRT-A	90.10	92.29	
		DVP P7-1:LN 2095-2137 SRT-A	95.35	98.26	
		DVP P4-2:218842 SRT-A	93.29	96.00	
		DVP P4-2:2188T9300 SRT-A	91.92	94.70	
		DVP P4-2:WT2188 SRT-A	93.29	96.00	
3138056SHELLHORN1 230 3140986GREENWAY1 230 1 1	345	DVP P1-2:LN 2031 SRT-A	96.60	99.61	
		DVP P1-2:LN 2188 SRT-A	102.66	105.69	
		DVP P4-2:2031T9299 SRT-A	90.46	93.28	
		DVP P4-2:H3T2031 SRT-A	90.81	93.63	
		DVP P4-2:H3T2186 SRT-A	96.50	99.35	
		DVP P4-2:H5T2031 SRT-A	90.81	93.63	
		DVP P7-1:LN 227-274 SRT-S	94.10	95.85	
3138156SPRINGH 230 3140786RESTON 230 1 1	345	DVP P1-2:LN 202 SRT-A	104.01	94.24	2022W3-N1-ST122
		DVP P4-2:20212 SRT-A	97.77		
		DVP P4-2:20212005 SRT-A	94.69		
		DVP P4-2:20212033 SRT-A	96.63		
3138166N ALEX 230 3141276S CARLY 230 1 1	345	DVP P4-2:9290T248 SRT-A	93.11		
3138256PLYWOOD 115 3152666PLYWOOD A 13.8 1 1	345	AEP P1-2:R37_I2 SRT-A	90.49	91.15	
		AP P1-2:PE 500-001 SRT-SL	91.06		
		AP P1-2:PE 500-004 SRT-SL	90.74	91.27	
		AP P1-2:WP 500-006 SRT-A	90.74	91.27	
		AP P1-2:WP 500-DRT17 SRT-SL	91.06		
		DVP P1-1:G-1 AB2-060 C SRT-A	92.31	92.96	
		DVP P1-2:LN 1045 SRT-A	91.19	91.19	
		DVP P1-2:LN 137 SRT-A	91.45		
		DVP P1-2:LN 36 SRT-S	91.22	91.79	
		DVP P1-2:LN 534 SRT-S	91.14		
		DVP P1-2:LN 548 SRT-S	90.68		
		DVP P1-4:3BUTCHER CRK_AB2-060C_1 SRT-A	92.31	92.96	
		DVP P1-4:3CHASCITY2_3CHASC_1_1 SRT-A	91.53	92.15	
		DVP P1-4:3HERBERT_1_3HERBERT_1 SRT-A	90.58	91.19	
3138376SUMMIT 230 3141386MINE RD 230 1 1	345	DVP P1-2:LN 568 SRT-S	92.07		
3138376SUMMIT 230 3141576DYSMITH CT 230 1 1	345	DVP P4-2:LN 568 SRT-S	94.89		
		DVP P4-2:HIT568 SRT-S	90.06		
3139046GOOSECRK 230 3140066GASHBURA 230 1 1	345	DVP P1-2:LN 2180 SRT-A		90.72	
		DVP P1-2:LN 274 SRT-S	117.11	93.08	
		DVP P4-2:201T2180 SRT-A		118.84	
		DVP P4-2:2031274 SRT-A	109.28	90.88	
				111.26	

Monitored Facility	Areas	Scenario ContName	Final AC %Loading		FG #
			Baseline (SUM)	Proposal Containing the Project (SUM)	
313905 RW SHINGSTAR 500 3139066 WSHNGSTAR 230 1 1		DVP P4-2: 209519349 SRT-A	110.11	112.16	
		DVP P4-2: 27472098 SRT-S	110.49	112.13	
		DVP P4-2: 27472130 SRT-S	110.10	111.73	
		DVP P4-2: 27472206 SRT-S	106.49	107.85	
		DVP P4-4: ASHBUR SC332 SRT-S	110.08	111.71	
		DVP P4-6: 9344T1 SRT-A		91.76	
		DVP P7-1: LN 9344-9345 SRT-A		91.77	
		DVP P1-2: LN 9344 SRT-A	92.34	97.18	
		DVP P1-3: 8MARS-TX#1 SRT-A	91.65	96.58	
		DVP P4-6: 9344T2 SRT-A	91.35	96.58	
313911 6TWINCREEKS 230 314290 6DFERRY 230 1 1		DVP P4-6: 9348T1 SRT-A	93.82	98.38	
		DVP P4-6: WISHI 9344T2 SRT-A		91.35	
		AP P2-3 PE-500-018C SRT-SL	109.50	98.80	2022W3-N1-ST239
		DVP P1-2: LN 514 SRT-A	94.63	98.80	2022W3-N1-ST238
		DVP P4-2: 51482 SRT-A	109.50	98.80	2022W3-N1-ST252N
		DVP P4-2: 5147595 SRT-A	103.45	92.99	2022W3-N1-ST253N
		DVP P4-2: 5147595 SRT-A	107.74	98.28	2022W3-N1-ST253N
		DVP P1-2: LN 227 SRT-A	108.99	110.59	
		DVP P4-2: 209519349 SRT-A	100.89	102.37	
		DVP P4-2: 22712130 SRT-S	102.48	103.98	
314004 6ASHBURN 230 314010 6BEAMEAD 230 1 1		DVP P4-2: 22712152 SRT-A	94.97	96.80	
		DVP P4-2: 22719292 SRT-S	93.70	94.84	
		DVP P4-2: LI227 SRT-A	93.57	94.70	
		DVP P4-2: LI227 SRT-S	95.16	96.27	
		DVP P4-4: SC432 SRT-A	103.19	104.56	
		DVP P1-2: LN 227 SRT-A	113.42	114.68	
		DVP P4-2: 209519349 SRT-A	104.73	105.96	
		DVP P4-2: 22712130 SRT-S	106.61	107.80	
		DVP P4-2: 22719292 SRT-S	97.80	98.62	
		DVP P4-2: LI227 SRT-A	97.66	98.47	
314006 6ASHBURN 230 314010 6BEAMEAD 230 1 1		DVP P4-2: LI227 SRT-S	99.13	99.94	
		DVP P4-4: SC432 SRT-A	106.40	107.63	
		DVP P1-2: LN 274 SRT-S	113.43	115.15	
		DVP P4-2: 209519349 SRT-A	105.81	107.79	
		DVP P4-2: 2037274 SRT-A	106.67	108.71	
		DVP P4-2: 209519349 SRT-A	107.04	108.66	
		DVP P4-2: 27472098 SRT-S	106.64	108.25	
		DVP P4-2: 27472130 SRT-S	103.03	104.38	
		DVP P4-2: 27472206 SRT-S	95.25	97.71	
		DVP P4-4: ASHBUR SC332 SRT-S	106.63	108.24	
314009 6BRADDOCK 230 314052 6IDYLVOD 230 1 1		DVP P1-2: LN 2023 SRT-A	91.04	104.71	
		DVP P1-2: LN 2087 SRT-A	109.93	104.71	
		DVP P1-2: LN 2112 SRT-A	92.25		
		DVP P1-2: LN 241 SRT-A	91.60		
		DVP P1-2: LN 248 SRT-A	92.29		
		DVP P4-2: 209519349 SRT-A	91.07		
		DVP P4-2: 2097112 SRT-A	103.33	98.48	2022W3-N1-ST149
		DVP P4-2: 209742 SRT-A	100.24	95.40	2022W3-N1-ST191
		DVP P4-2: 21642097 SRT-A	103.26	97.98	2022W3-N1-ST260N
		DVP P4-2: 24372097 SRT-A	106.10	103.18	
314033 6FRANCON 230 314085 6VANDORN 230 1 1		DVP P7-1: LN 2023-248 SRT-A	105.62	100.69	
		DVP P7-1: LN 204-241 SRT-A	91.55		
		DVP P7-1: LN 2097-237 SRT-A	103.31	98.43	2022W3-N1-ST150
		DVP P7-1: LN 2112-248 SRT-A	107.26	102.29	
		DVP P7-1: LN 215-248 SRT-A	95.74	91.27	
		DVP P7-1: LN 227-274 SRT-S	99.58	96.41	
		DVP P7-1: LN 215-248 SRT-A	90.99		
		DVP P1-2: LN 9233 SRT-A	121.20	123.33	
		DVP P4-2: 209519349 SRT-A	113.93	95.58	
		DVP P4-2: 9233V2 SRT-A	113.93	95.58	
314039 6GALLOWAYS A 230 314052 6IDYLVOD 230 1 1		DVP P1-2: LN 207 SRT-A	101.09	96.39	2022W3-N1-ST179
		DVP P1-2: LN 9290 SRT-A	95.25	90.83	
DVP P4-2: 20712 SRT-A	94.88	90.66			

Monitored Facility	Areas	Scenario ContName	Final AC %Loading		FG #
			Baseline (SUM)	Proposal Containing the Project (SUM)	
3140396GALLOWSA 230 314068 60X 230 1 1	345	DVP_P4-2: 207T281_SRT-A	95.19	90.73	90.73
		DVP_P4-2: 207T294_SRT-A	95.32	90.90	90.90
		DVP_P4-2: 251T207_SRT-A	94.92	90.18	90.18
		DVP_P4-2: 9990T248_SRT-A	102.48	97.97	97.97
		DVP_P7-1: LN 2023-248_SRT-A	100.42	95.78	95.78
		DVP_P7-1: LN 207-266_SRT-A	105.56	101.03	101.03
		DVP_P7-1: LN 2112-248_SRT-A	101.85	97.17	97.17
		DVP_P7-1: LN 227-274_SRT-S	92.13		
		DVP_P1-2: LN 2023_SRT-A	90.23		
		DVP_P1-2: LN 207_SRT-A	104.26	99.55	99.55
		DVP_P1-2: LN 241_SRT-A	91.25		
		DVP_P1-2: LN 244_SRT-A	90.13		
		DVP_P1-2: LN 248_SRT-A	92.43		
		DVP_P1-2: LN 561_SRT-A	91.99		
		DVP_P1-2: LN 9290_SRT-A	98.42	94.09	94.09
		DVP_P4-2: 207T2_SRT-A	97.86		
		DVP_P4-2: 207T281_SRT-A	98.18	93.62	93.62
		DVP_P4-2: 207T294_SRT-A	98.30	93.69	93.69
		DVP_P4-2: 237T294_SRT-A	91.90	93.87	93.87
		DVP_P4-2: 237T297_SRT-A	92.11		
		DVP_P4-2: 251T207_SRT-A	97.90	93.15	93.15
		DVP_P4-2: 9990T248_SRT-A	105.47	100.94	100.94
		DVP_P7-1: LN 2023-248_SRT-A	105.40	98.74	98.74
DVP_P7-1: LN 207-266_SRT-A	108.54	103.99	103.99		
DVP_P7-1: LN 2112-248_SRT-A	104.83	100.14	100.14		
DVP_P7-1: LN 215-248_SRT-A	91.58				
DVP_P7-1: LN 227-274_SRT-S	95.12	92.03	92.03		
DVP_P1-2: LN 2097_SRT-A	90.39				
DVP_P4-2: 250T258_SRT-A	115.48	107.30	107.30		
DVP_P7-1: LN 207-266_SRT-A	93.10				
DVP_P7-1: LN 250-258_SRT-A	115.48	107.30	107.30		
DVP_P4-2: 201342_SRT-S	94.62				
DVP_P4-2: H1T561_SRT-A	91.25				
DVP_P4-2: 207T62_SRT-A	98.85				
Base Case			98.20	98.20	98.20
AP_P1-2: PE-500-001_SRT-SL			91.03	91.03	91.03
AP_P1-2: PE-500-004_SRT-SL			91.03		
AP_P1-2: PE-500-402AT_SRT-A			91.03		
AP_P1-2: PE-500-402BT_SRT-A			91.03	90.69	90.69
AP_P1-2: WP-500-006_SRT-A			91.03		
AP_P1-2: WP-500-DRT17_SRT-SL			91.03		
DVP_P1-2: LN 563_SRT-S			91.03	91.03	91.03
DVP_P1-2: LN 583_SRT-S			91.03		
DVP_P1-2: LN 7120_SRT-A			90.77	90.76	90.76
AP_P1-2: PE-500-001_SRT-SL			93.79	93.40	93.40
AP_P1-2: PE-500-004_SRT-SL			91.52		
AP_P1-2: PE-500-402AT_SRT-A			92.53	90.79	90.79
AP_P1-2: PE-500-402BT_SRT-A			91.52		
AP_P1-2: WP-500-006_SRT-A			91.52		
AP_P1-2: WP-500-DRT17_SRT-SL			93.79	93.40	93.40
DVP_P1-2: LN 563_SRT-S			93.79	93.79	93.79
DVP_P1-2: LN 583_SRT-S			92.53	90.79	90.79
DVP_P1-2: LN 7120_SRT-A			90.87	90.86	90.86
AP_P1-2: PE-500-001_SRT-SL			91.02	91.02	91.02
AP_P1-2: PE-500-004_SRT-SL			91.02		
AP_P1-2: PE-500-402AT_SRT-A			91.02		
AP_P1-2: PE-500-402BT_SRT-A			91.02		
AP_P1-2: WP-500-006_SRT-A			91.02		
AP_P1-2: WP-500-DRT17_SRT-SL			91.02	91.02	91.02
DVP_P1-2: LN 563_SRT-S			91.02	91.02	91.02
DVP_P1-2: LN 583_SRT-S			91.02	91.02	91.02
DVP_P1-2: LN 7119_SRT-A			91.02	91.02	91.02
AP_P1-2: PE-500-001_SRT-SL			91.09	91.09	91.09
314057 6LAKERD 230 314074 6POSSUM 230 1 1	345				
314065 6MOORED 230 314068 60X 230 1 1	345				
314085 6REMGCT 230 314099 6GIMRUN 230 1 1	345				
314203 6MACKEYS 230 998762 6MACKEYS 34.5 1 1	345				
314289 6DARBVTN 230 315067 1DARBV 1 13.8 1 1	345				
314289 6DARBVTN 230 315068 1DARBV 2 13.8 1 1	345				
314289 6DARBVTN 230 315069 1DARBV 3 13.8 1 1	345				
314289 6DARBVTN 230 315070 1DARBV 4 13.8 1 1	345				

Monitored Facility	Areas	Scenario ContName	Final AC %Loading		FG #
			Baseline (SUM)	Proposal Containing the Project (SUM)	
314314 3LOCKS 115 314316 6LOCKS 230 2 1		AP P1-2: PE-500-004 SRT-SL	91.09	91.09	
		AP P1-2: PE-500-402AT SRT-A	91.09	91.09	
		AP P1-2: PE-500-402BT SRT-A	91.09	91.09	
		AP P1-2: WP-500-006 SRT-A	91.09	91.09	
		AP P1-2: WP-500-DRT17 SRT-SL	91.09	91.09	
		DVP P1-2: LN 563 SRT-S	91.09	91.09	
		DVP P1-2: LN 563 SRT-S	91.09	91.09	
		DVP P1-2: LN 7119 SRT-A	91.09	91.09	
		DVP P1-2: LN 205 SRT-A	108.66	107.62	
		DVP P4-2: 20512 SRT-A	102.14	101.17	
		DVP P4-2: 2057217 SRT-A	102.41	101.42	
		DVP P7-1: LN 2003-205 SRT-A	115.96	114.78	
		DVP P2-2: CHESAPEAK B2 SRT-A	91.03	91.03	
		DVP P4-1: GT122 SRT-A	91.05	91.03	
		DVP P4-2: 4622 SRT-A	91.15	91.13	
314448 3C-HESAPK 115 314446 3CHESAPK PS3 115 1 1		DVP P4-2: 8722 SRT-A	90.58	90.56	
		DVP P2-2: CHESAPEAK B2 SRT-A	90.10	90.08	
		DVP P4-1: GT122 SRT-A	90.10	90.08	
		DVP P4-2: 4622 SRT-A	90.20	90.18	
		DVP P1-1: G-1 SURRY 1 SRT-A	90.20	90.17	
		DVP P1-1: G-1 SURRY 1 SRT-A	91.36	91.33	
		DVP P1-2: LN 553 SRT-S	96.90	96.96	
		DVP P4-2: H1T583 SRT-S	91.23	93.74	
		DVP P4-2: H2T553 SRT-S	91.23	93.74	
		DVP P4-2: H3T539 SRT-A	91.23	93.74	
		DVP P4-2: 5XX-2T569 SRT-S	95.56	95.56	
		DVP P4-2: H2T569 MORR SRT-S	94.84	94.84	
		DVP P4-2: H2T569 SRT-S	94.55	94.55	
		DVP P7-1: LN 569-2101 SRT-S	97.16	97.16	
		DVP P7-1: LN 569-2101 SRT-S	93.75	93.75	
314913 8LOUDOUN 500 314061 6LOUDOUN 230 1 1		DVP P4-2: XT556 SRT-A	100.40	101.76	
		DVP P4-6: 9344T1 SRT-A	101.76	101.76	
		DVP P7-1: LN 9344-9345 SRT-A	92.49	92.49	
		DVP P4-6: 9344T1 SRT-A	91.49	91.49	
		DVP P7-1: LN 9344-9345 SRT-A	91.49	91.49	
		AP P1-2: PE-500-404T SRT-A	92.42	91.94	
		DVP P1-2: LN 535 SRT-S	92.42	91.94	
		DVP P4-2: 201342 SRT-S	101.76	97.98	2022W3-N1-ST180
		DVP P4-2: 2372013 SRT-S	90.34	90.34	
		DVP P4-2: H2T571 SRT-S	91.69	91.69	
		DICK TO ED PERRY SRT-A	96.78	98.72	
		DVP P1-2: LN 2180 SRT-A	91.91	96.60	
		DVP P1-2: LN 9303 SRT-A	96.10	98.04	
		DVP P1-2: LN 9344 SRT-A	90.29	93.62	
		DVP P1-2: LN 9345 SRT-A	91.11	91.11	
314913 8LOUDOUN 500 314061 6LOUDOUN 230 2 1		DVP P1-3: 8BRAMBLETON-TX#2 SRT-A	109.59	90.69	
		DVP P1-3: 8GOOSE CREEK-TX#1 SRT-A	109.59	113.49	
		DVP P1-3: 8MARS-TX#1 SRT-A	90.48	93.88	
		DVP P1-3: 8WISHINGSTAR-TX#1 SRT-A	90.48	91.11	
		DVP P1-4: 8BELMONT 6X4-039GAS 1 SRT-A		91.58	
		DVP P4-2: 2085T9345 SRT-A		92.78	
		DVP P4-2: 9282T2180 SRT-A		90.40	
		DVP P4-6: 9344T1 SRT-A	96.14	99.69	
		DVP P7-1: LN 9344-9345 SRT-A	96.14	99.69	
		PEPCO P4 PP16 SRT-A	90.98	92.80	
		PEPCO P4 PP16 SRT-A	91.10	92.82	
		PEPCO P4 PP20 SRT-A	91.09	92.91	
		PEPCO P5 8PEPCO SRT-A	91.93	93.79	
		PF7 SRT-A	90.98	92.80	
		DVP P4-2: H1T595 SRT-A	91.59	91.59	
314938 8WARRENTY 500 315270 1WARREN 61 21.0 1 1		AP-P5-5-PE-138-01BLACKO CAP SRT-A	97.26	97.26	
		AP-P5-5-PE-138-01BLACKO SRT-A	97.26	97.26	

Monitored Facility	Areas	Scenario ContName	Final AC %Loading		FG #
			Baseline (SUM)	Proposal Containing the Project (SUM)	
		AP P1-2 PE-500-001 SRT-SL	103.49	103.49	103.49
		AP P1-2 PE-500-002 SRT-SL	103.49	100.75	103.49
		AP P1-2 PE-500-004 SRT-SL	103.49	103.49	103.49
		AP P1-2 PE-500-402AT SRT-A	103.49	103.49	103.49
		AP P1-2 PE-500-402BT SRT-A	103.49	103.49	103.49
		AP P1-2 PE-500-404T SRT-A	103.49	103.49	103.49
		AP P1-2 PE-500-407T SRT-SL	103.49	103.49	103.49
		AP P1-2 WP-500-006 SRT-A	103.49	103.49	103.49
		AP P1-2 WP-500-DRT17 SRT-SL	103.49	103.49	103.49
		AP P1-4 PE-500-006A SRT-A	98.08		
		AP P1-4 PE-500-008A SRT-A	103.49	101.11	103.49
		AP P1-4 PE-500-009A SRT-A	103.49	103.49	103.49
		AP P2-2 PE-500-004 SRT-SL	92.66		
		AP P2-2 PE-500-005 SRT-SL	92.63		
		AP P2-2 PE-500-006 SRT-SL	96.78	94.39	94.39
		AP P2-2 WP-500-DRT9 SRT-SL	93.11	90.93	90.93
		AP P2-3 PE-500-011 SRT-A	97.28	97.28	97.28
		AP P2-3 PE-500-014 SRT-SL	97.28	97.28	97.28
		AP P2-3 PE-500-015 SRT-A			
		AP P2-3 PE-500-018B SRT-SL	97.28		
		AP P2-3 PE-500-018C SRT-SL			
		AP P2-3 PE-500-018D SRT-SL			
		AP P2-3 PE-500-018 SRT-SL	97.28		
		AP P2-3 PE-500-019E SRT-SL	97.28		
		BG P7 CNSTN NVEST12 SRT-A	94.41	91.65	91.65
		BG P7 GRCIN RAPHEL SRT-A	93.15	90.80	90.80
		BG P7 NEAST RPHLRD SRT-A	93.17	90.81	90.81
		Base Case	128.11	126.24	126.24
		DVP P1-1-G-1 LN ANNA1 SRT-A	100.12	97.64	97.64
		DVP P1-1-G-2 LN ANNA2 SRT-A	99.57	97.50	97.50
		DVP P1-2-DOUBS 500KV CAP 1 SRT-A	100.74		
		DVP P1-2 LN 274 SRT-S	100.30		
		DVP P1-2 LN 509 SRT-A		97.05	97.05
		DVP P1-2 LN 514 SRT-A	103.49	103.49	103.49
		DVP P1-2 LN 534 SRT-S	103.49	101.57	101.57
		DVP P1-2 LN 535 SRT-S		101.14	101.14
		DVP P1-2 LN 541 SRT-S	103.49	98.35	98.35
		DVP P1-2 LN 553 SRT-S	102.72	103.49	103.49
		DVP P1-2 LN 568 SRT-S	103.23		
		DVP P1-2 LN 574 SRT-S	103.23	100.80	100.80
		DVP P1-2 LN 576 SRT-A	103.49	97.44	97.44
		DVP P1-2 LN 583 SRT-S	103.49	103.49	103.49
		DVP P1-2 LN 594 SRT-S	103.45		
		DVP P1-2 LN SPOT2VINT 2nd SRT-A		98.15	98.15
		DVP P1-3 8ND ANNA-GSUI-1 SRT-A	100.17	97.67	97.67
		DVP P1-4 6BELMONT 6X4-089GAS_1 SRT-A	103.88	100.94	100.94
		DVP P2-2 LOUDOUN B1 SRT-S	92.13		
		DVP P2-2 MORRISVILLE B1 SRT-S	93.38	91.04	91.04
		DVP P4-1 G102-2 SRT-S	97.64	91.70	91.70
		DVP P4-2 20T12 SRT-A	97.64		
		DVP P4-2 217812 SRT-A	97.64		
		DVP P4-2 534T542 SRT-S	97.45	97.45	97.45
		DVP P4-2 534T564 SRT-S	97.56	97.56	97.56
		DVP P4-2 542T553 SRT-S	97.45	97.45	97.45
		DVP P4-2 545T552 SRT-S	96.86		
		DVP P4-2 55142 SRT-A		97.26	97.26
		DVP P4-2 553T564 SRT-S	97.56	97.56	97.56
		DVP P4-2 568T575 SRT-A	97.28	92.19	92.19
		DVP P4-2 9292T2178 SRT-S	97.63		
		DVP P4-2 H1T553 SRT-S		97.28	97.28
		DVP P4-2 H1T568 SRT-S	96.59		
		DVP P4-2 H1T574 SRT-S	97.28	96.28	96.28
		DVP P4-2 SPOTS H1T594 SRT-S	97.28		

Monitored Facility	Areas	Scenario ContName	Baseline (\$UM)	Final AC %Loading Proposal Containing the Project (\$UM)	FG #
		DVP P4-2: Y1596_SRT-S	92.39	91.79	
		DVP P7-1: LN 11-2199_SRT-A	92.11		
		DVP P7-1: LN 2023-248_SRT-A	92.20		
		DVP P7-1: LN 2112-248_SRT-A	97.22	95.25	
		DVP P7-1: LN 227-274_SRT-S	97.27	96.72	
		DVP P7-1: LN 535-2114_SRT-S	97.28	90.50	
		DVP P7-1: LN 569-2101_SRT-S	95.75		
		DVP P7-1: LN 589-9351_SRT-S	93.84	91.42	
		DVP P7-1: LN 9344-9345_SRT-A	98.27		
		PECO P1-1_PEACH-U2_SRT-A/* \$ CHESCO \$ PECO_P1-1_PEACH-U2 \$ U	98.30		
		PECO P1-1_PEACH-U3_SRT-A/* \$ CHESCO \$ PECO_P1-1_PEACH-U3 \$ U	103.49	100.38	
		PECO P1-2_5012_SRT-A/* \$ CHESCO \$ PECO_P1-2_5012 \$ L	98.48		
		PECO P1-2_5034_SRT-A/* \$ CHESCO \$ PECO_P1-2_5034 \$ L	98.29		
		PECO P1-3_PEACH-GSU2_SRT-A/* \$ CHESCO \$ PECO_P1-3_PEACH-GSU2 \$ T	98.32		
		PECO P1-3_PEACH-GSU3_SRT-A/* \$ CHESCO \$ PECO_P1-3_PEACH-GSU3 \$ T	92.40		
		PECO P4_PEACH015_SRT-A/* \$ CHESCO \$ PECO_P4_PEACH015 \$ STBK	92.61		
		PECO P4_PEACH215_SRT-A/* \$ CHESCO \$ PECO_P4_PEACH215 \$ STBK	97.28	94.35	
		PECO P4_PEACH235_SRT-A/* \$ CHESCO \$ PECO_P4_PEACH235 \$ STBK	97.95	96.38	
		PECO P4_PEACH245_SRT-A/* \$ CHESCO \$ PECO_P4_PEACH245 \$ STBK	92.59		
		PECO P7-1_220-9091_SRT-A/* \$ BUGKS \$ PECO_P7-1_220-9091 \$ DCT	92.14		
		PEPCO_X4-035_TAP_X035_GSU_SRT-A	100.80	97.91	
		PJM_500_BG_P1_5011_SRT-A	103.49	103.49	
		PJM_500_BG_P1_CCLF61_SRT-A	100.73	97.86	
		PJM_500_BG_P1_CCLF62_SRT-A	100.63	97.77	
		PJM_500_BG_P4_5_C1V7_23_SRT-A	95.02	92.21	
		PJM_500_BG_P4_5_C1V7_63_SRT-A	95.03	92.31	
		PJM_500_BG_P4_5_CNSTN_B_SRT-A	97.28	94.37	
		PJM_500_BG_P4_5_CNSTN_C_SRT-A	97.28	94.80	
		PJM_500_BG_P4_5_CNSTN_J_SRT-A	92.21	97.28	
		PL_30_P42_000131_SRT-A	99.37	96.84	
		PN_P1-2_PN-500-0107_SRT-A	137.86	137.86	
314938 BWARRENCITY 500 315271 IWARREN G2 21.0 1 1	345	Base Case	98.22	98.22	
314938 BWARRENCITY 500 315272 IWARREN G3 21.0 1 1	345	AP-P5-5-PE-138-01BLACKO_CAP_SRT-A	98.22	98.22	
		AP-P5-5-PE-138-01BLACKO_SRT-A	98.22	98.22	
		AP_P1-2_PE-500-001_SRT-SL	104.51	104.51	
		AP_P1-2_PE-500-002_SRT-SL	104.51	100.75	
		AP_P1-2_PE-500-004_SRT-SL	104.51	104.51	
		AP_P1-2_PE-500-402AT_SRT-A	104.51	104.51	
		AP_P1-2_PE-500-402BT_SRT-A	104.51	104.51	
		AP_P1-2_PE-500-404T_SRT-A	104.51	101.14	
		AP_P1-2_PE-500-407T_SRT-SL	104.51	104.51	
		AP_P1-2_WP-500-006_SRT-A	104.51	104.51	
		AP_P1-2_WP-500-DRT17_SRT-SL	104.51	104.51	
		AP_P1-4_PE-500-006A_SRT-A	98.08		
		AP_P1-4_PE-500-008A_SRT-A	104.07	101.11	
		AP_P1-4_PE-500-009A_SRT-A	104.51	104.51	
		AP_P2-2_PE-500-004_SRT-SL	92.66		
		AP_P2-2_PE-500-005_SRT-SL	92.63		
		AP_P2-2_PE-500-006_SRT-SL	96.78	94.39	
		AP_P2-2_WP-500-DRT9_SRT-SL	93.11	90.93	
		AP_P2-3_PE-500-011_SRT-A	98.24	98.24	
		AP_P2-3_PE-500-014_SRT-SL	98.24	98.24	
		AP_P2-3_PE-500-018B_SRT-SL	98.24		
		AP_P2-3_PE-500-018C_SRT-SL	98.24	98.24	
		AP_P2-3_PE-500-018D_SRT-SL	98.24	98.24	
		AP_P2-3_PE-500-018_SRT-SL	98.24		
		AP_P2-3_PE-500-019E_SRT-SL	98.24		
		AP_P2-4_PE-500-006_SRT-A	94.41	98.24	
		AP_P2-4_CNSTN_NWEST2_SRT-A	94.41	91.65	
		BG_P7_GRCIN_RAPHEL_SRT-A	93.15	90.80	
		BG_P7_NEAST_RPHLRD_SRT-A	93.17	90.81	
		Base Case	128.11	126.24	

Monitored Facility	Areas	Scenario ContName	Baseline (SUM)	Final AC %Loading		FG #
				Proposal Containing the Project (SUM)		
		DVP P1-1-G-1 LN ANNA1 SRT-A	100.12		97.64	
		DVP P1-1-G-2 LN ANNA2 SRT-A	99.57		97.50	
		DVP P1-2-DOUBS500KV CAP 1 SRT-A	100.74			
		DVP P1-2: LN 274 SRT-S	100.30			
		DVP P1-2: LN 509 SRT-A			97.05	
		DVP P1-2: LN 514 SRT-A	104.51			
		DVP P1-2: LN 534 SRT-S	103.55			
		DVP P1-2: LN 541 SRT-S			101.57	
		DVP P1-2: LN 553 SRT-S	104.51			
		DVP P1-2: LN 568 SRT-S	102.72			
		DVP P1-2: LN 574 SRT-S	103.23			
		DVP P1-2: LN 576 SRT-A			97.44	
		DVP P1-2: LN 583 SRT-S	104.51			
		DVP P1-2: LN 594 SRT-S	103.45			
		DVP P1-2: LN SPOTZVINT 2nd SRT-A			98.15	
		DVP P1-3: BNO ANNA-GSU-1 SRT-A	100.17			
		DVP P1-4: 6BELMONTI 6X4-039GAS 1 SRT-A	104.89			
		DVP P2-2: LOUDOUN B1 SRT-S	92.13			
		DVP P2-2: MORRISVILLE B1 SRT-S	93.98			
		DVP P4-1: G102-2 SRT-S			91.70	
		DVP P4-2: 20112 SRT-A	98.60			
		DVP P4-2: 217812 SRT-A	98.60			
		DVP P4-2: 51482 SRT-A			98.24	
		DVP P4-2: 534T542 SRT-S	98.41			
		DVP P4-2: 534T564 SRT-S	98.52			
		DVP P4-2: 542T553 SRT-S			98.41	
		DVP P4-2: 545T552 SRT-S	96.86			
		DVP P4-2: 55142 SRT-A			98.22	
		DVP P4-2: 563T564 SRT-S	98.52			
		DVP P4-2: 568T575 SRT-A	98.24			
		DVP P4-2: 9292T2178 SRT-S	98.59			
		DVP P4-2: H1T568 SRT-S			98.24	
		DVP P4-2: H1T553 SRT-S	96.59			
		DVP P4-2: H1T574 SRT-S	97.85			
		DVP P4-2: HITS94 SRT-S	97.94			
		DVP P4-2: Y1596 SRT-S			91.79	
		DVP P7-1: LN 11-2198 SRT-A	92.39			
		DVP P7-1: LN 2023-248 SRT-A	92.11			
		DVP P7-1: LN 2112-248 SRT-A				
		DVP P7-1: LN 227-274 SRT-S	92.20			
		DVP P7-1: LN 535-2114 SRT-S	98.18			
		DVP P7-1: LN 569-2101 SRT-S	98.23			
		DVP P7-1: LN 569-9351 SRT-S	98.24			
		DVP P7-1: LN 9344-9345 SRT-A	95.75			
		PECO P1-1 PEACH-U2 SRT-A/* \$ CHESCO \$ PECO P1-1 PEACH-U2 \$ U	93.84			
		PECO P1-1 PEACH-U3 SRT-A/* \$ CHESCO \$ PECO P1-1 PEACH-U3 \$ U	96.27			
		PECO P1-2 5012 SRT-A/* \$ CHESCO \$ PECO P1-2 5012 \$ L	98.30			
		PECO P1-2 5034 SRT-A/* \$ CHESCO \$ PECO P1-2 5034 \$ L	104.51			
		PECO P1-3 PEACH-GSU2 SRT-A/* \$ CHESCO \$ PECO P1-3 PEACH-GSU2 \$ T	98.48			
		PECO P1-3 PEACH-GSU3 SRT-A/* \$ CHESCO \$ PECO P1-3 PEACH-GSU3 \$ T	98.29			
		PECO P4 PEACH015 SRT-A/* \$ CHESCO \$ PECO P4 PEACH015 \$ STBK	98.32			
		PECO P4 PEACH215 SRT-A/* \$ CHESCO \$ PECO P4 PEACH215 \$ STBK	92.40			
		PECO P4 PEACH235 SRT-A/* \$ CHESCO \$ PECO P4 PEACH235 \$ STBK	92.61			
		PECO P4 PEACH245 SRT-A/* \$ CHESCO \$ PECO P4 PEACH245 \$ STBK	98.24			
		PECO P7-1 220-9091 SRT-A/* \$ BUCKS \$ PECO P7-1 220-9091 \$ DCT	98.91			
		PECO P7-1 220-9091 SRT-A/* \$ BUCKS \$ PECO P7-1 220-9091 \$ DCT	92.14			
		PJM 500_BG_P4_5_C1V1_23 SRT-A	100.80			
		PJM 500_BG_P4_5_C1V1_23 SRT-A	104.51			
		PJM 500_BG_P4_5_C1V1_23 SRT-A	104.22			
		PJM 500_BG_P4_5_C1V1_23 SRT-A	100.63			
		PJM 500_BG_P4_5_C1V1_23 SRT-A	100.73			
		PJM 500_BG_P4_5_C1V1_23 SRT-A	98.02			
		PJM 500_BG_P4_5_C1V1_23 SRT-A	95.03			
		PJM 500_BG_P4_5_C1V1_23 SRT-A	98.24			
		PJM 500_BG_P4_5_C1V1_23 SRT-A	94.37			

Monitored Facility	Areas	Scenario ContName	Final AC %Loading		FG #
			Baseline (\$UM)	Proposal Containing the Project (\$UM)	
314938 0WARRENCY 500 315273 1WARREN S1 10.0 1 1	345	PJM_500_BG_P4_5_CNSTN_C_SRT-A	98.24	94.80	94.80
		PJM_500_BG_P4_5_CNSTN_J_SRT-A	98.24	98.23	98.23
		PL_30_P42_000131_SRT-A	92.21	92.21	92.21
		PN_P1-2_PN-500-010T_SRT-A	93.37	96.84	96.84
		AEP_P1-2_#363_1682_SRT-A	91.97	91.72	91.72
		AP-P5-5-PE-138-01BLACKO_CAP_SRT-A	94.49	94.49	94.49
		AP-P5-5-PE-138-01BLACKO_SRT-A	94.49	94.49	94.49
		AP_P1-2_PE-500-001_SRT-SL	100.54	100.54	100.54
		AP_P1-2_PE-500-002T_SRT-SL	96.71	92.28	92.28
		AP_P1-2_PE-500-004_SRT-SL	100.54	100.54	100.54
		AP_P1-2_PE-500-402AT_SRT-A	100.54	100.54	100.54
		AP_P1-2_PE-500-402BT_SRT-A	100.54	100.54	100.54
		AP_P1-2_PE-500-404T_SRT-A	95.27	92.40	92.40
		AP_P1-2_PE-500-407T_SRT-SL	100.54	94.46	94.46
		AP_P1-2_WP-500-006_SRT-A	100.54	100.54	100.54
		AP_P1-2_WP-500-DR17_SRT-SL	100.54	100.54	100.54
		AP_P1-4_PE-500-008A_SRT-A	93.27	92.39	92.39
		AP_P1-4_PE-500-009A_SRT-A	100.54	100.54	100.54
		AP_P2-3_PE-500-011_SRT-A	94.51	94.51	94.51
		AP_P2-3_PE-500-014_SRT-SL	94.51	94.51	94.51
		AP_P2-3_PE-500-015_SRT-A	94.51	94.51	94.51
		AP_P2-3_PE-500-018B_SRT-SL	94.51	94.51	94.51
		AP_P2-3_PE-500-018C_SRT-SL	94.51	94.51	94.51
		AP_P2-3_PE-500-018D_SRT-SL	94.51	94.51	94.51
		AP_P2-3_PE-500-018_SRT-SL	94.51	94.51	94.51
		AP_P2-3_PE-500-019E_SRT-SL	94.51	94.51	94.51
		AP_P2-3_WP-500-466_SRT-A	94.51	94.51	94.51
		Base Case	121.24	120.71	120.71
		DVP_P1-1-G-1_IN_ANNA1_SRT-A	92.47	91.75	91.75
		DVP_P1-1-G-2_IN_ANNA2_SRT-A	92.31	91.71	91.71
		DVP_P1-2-DOUBS500KV_CAP_1_SRT-A	92.27		
		DVP_P1-2: LN 509_SRT-A			91.75
		DVP_P1-2: LN 514_SRT-A	100.54	94.46	94.46
DVP_P1-2: LN 534_SRT-S	93.11	92.52	92.52		
DVP_P1-2: LN 541_SRT-S		91.58	91.58		
DVP_P1-2: LN 553_SRT-S	100.54	100.54	100.54		
DVP_P1-2: LN 568_SRT-S	92.86				
DVP_P1-2: LN 574_SRT-S	93.01	92.29	92.29		
DVP_P1-2: LN 583_SRT-S	100.54	100.54	100.54		
DVP_P1-2: LN 594_SRT-S	93.08				
DVP_P1-2: LN 596_SRT-A	92.47	92.02	92.02		
DVP_P1-3: 8NO ANNA-GSU-1_SRT-A	92.48	91.76	91.76		
DVP_P1-4: 6BELMONT_6X4-089GAS_1_SRT-A	96.07	92.63	92.63		
DVP_P4-2: 51482_SRT-A	94.51				
DVP_P4-2: 5421553_SRT-S	94.68	94.68	94.68		
DVP_P4-2: 55142_SRT-A		94.49	94.49		
DVP_P4-2: 551TB4_SRT-A		94.51	94.51		
DVP_P4-2: 563T564_SRT-S	94.78	94.78	94.78		
DVP_P4-2: H1T553_SRT-S	94.51	94.51	94.51		
DVP_P4-2: H2T553_SRT-S	94.51	94.51	94.51		
DVP_P7-1: LN 227-274_SRT-S	90.18				
DVP_P7-1: LN 536-2114_SRT-S	92.36				
PECO_P1-1_PEACH-U2_SRT-A/* \$ CHESCO \$ PECO_P1-1_PEACH-U2 \$ U	92.07	91.52	91.52		
PECO_P1-1_PEACH-U3_SRT-A/* \$ CHESCO \$ PECO_P1-1_PEACH-U3 \$ U	92.08	91.53	91.53		
PECO_P1-2_5012_SRT-A/* \$ CHESCO \$ PECO_P1-2_5012 \$ L	95.85	92.17	92.17		
PECO_P1-2_5034_SRT-A/* \$ CHESCO \$ PECO_P1-2_5034 \$ L	92.07	91.61	91.61		
PECO_P1-3_PEACH-GSU2_SRT-A/* \$ CHESCO \$ PECO_P1-3_PEACH-GSU2 \$ T	92.07	91.52	91.52		
PECO_P1-3_PEACH-GSU3_SRT-A/* \$ CHESCO \$ PECO_P1-3_PEACH-GSU3 \$ T	92.09	91.54	91.54		
PECO_P4_PEACH235_SRT-A/* \$ CHESCO \$ PECO_P4_PEACH235 \$ STBK	90.10				
PECO_P4_PEACH245_SRT-A/* \$ CHESCO \$ PECO_P4_PEACH245 \$ STBK	95.17				
PECO_X4-035_TAP_X035_GSU_SRT-A	92.59	91.76	91.76		
PJM_500_BG_P1_5011_SRT-A	100.54	93.31	93.31		
PJM_500_BG_P1_CCLF61_SRT-A	92.61	91.78	91.78		

Monitored Facility	Areas	Scenario ContName	Final AC %Loading		FG #	
			Baseline (SUM)	Proposal Containing the Project (SUM)		
314939 8GOOSE CREEK 500 313904 6GOOSECRK 230 1 1	345	PJM_500_BG_P1_CCLF62_SRT-A	92.57	91.75		
		PJM_500_BG_P4_5_CNSTN_B_SRT-A	90.10			
		PJM_500_BG_P4_5_CNSTN_C_SRT-A	92.66			
		PJM_500_BG_P4_5_CNSTN_J_SRT-A	94.51			
		AEP_P1-2_#17218_SRT-A		92.43		
		AEP_P1-2_#363_1682_SRT-A		92.42		
		AEP_P1-2_#37_12_SRT-A		92.46		
		AP_P1-2_MP-500-0271_SRT-SL		90.61		
		AP_P1-2_PE-230-4251_SRT-A		92.13		
		AP_P1-2_PE-230-4261_SRT-A		92.20		
		AP_P1-2_PE-500-4001_SRT-A		90.74		
		AP_P1-2_PE-500-4011_SRT-A		90.61		
		AP_P1-2_PE-500-4051_SRT-A		90.49		
		AP_P1-3_PE-500-001_SRT-A		90.99		
		AP_P1-3_PE-500-002_SRT-A		90.99		
		AP_P1-3_PE-500-003_SRT-A		91.10		
		AP_P1-3_PE-500-004_SRT-A		90.99		
		Base Case				
		DICK TO ED PERRY_SRT-A		101.04		
		DVP_P1-1:G-4S IX4-039 ST_SRT-A		93.43		
		DVP_P1-2:LN 201_SRT-S		90.82		
		DVP_P1-2:LN 2062_SRT-A		90.76		
		DVP_P1-2:LN 534_SRT-S		90.93		
		DVP_P1-2:LN 541_SRT-S				
		DVP_P1-2:LN 574_SRT-S		90.80		
		DVP_P1-2:LN 595_SRT-A		107.06		
		DVP_P1-2:LN 9225_SRT-A		91.39		
		DVP_P1-2:LN 9303_SRT-A		100.54		
		DVP_P1-2:LN 9344_SRT-A		100.19		
		DVP_P1-3:BRAMBLETON_TX#2_SRT-A		96.63		
		DVP_P1-3:LOUDOUN_TX#1_SRT-A		93.26		
		DVP_P1-3:8MARS_TX#1_SRT-A		100.35		
		DVP_P1-3:RPL VIEW_TX#3_SRT-A		103.77		
		DVP_P2-2:BRAMBLETON_B5_SRT-S		90.84		
DVP_P2-2:LOUDOUN_B1_SRT-S						
DVP_P2-2:LOUDOUN_B2_SRT-S						
DVP_P2-2:LOUDOUN_B3_SRT-A		90.71				
DVP_P2-2:LOUDOUN_B4_SRT-A		90.67				
DVP_P4-2:20212175_SRT-A		92.38				
DVP_P4-2:209402_SRT-A		91.69				
DVP_P4-2:214912214_SRT-A		91.79				
DVP_P4-2:217812_SRT-A		92.42				
DVP_P4-2:218302_SRT-A		90.15				
DVP_P4-2:923379234_SRT-A		93.35				
DVP_P4-2:L3T203_SRT-A		108.17				
DVP_P4-2:L3T2180_SRT-S		90.70				
DVP_P4-3:H402_SRT-A		90.84				
DVP_P4-3:LOUDOUN_H352_SRT-A		90.71				
DVP_P4-3:PLEASAN_H322_SRT-S		100.19				
DVP_P4-6:934411_SRT-A		107.34				
DVP_P4-6:934472_SRT-A		94.18				
DVP_P4-6:934971_SRT-A		96.28				
DVP_P4-6:WISHI_934472_SRT-A		97.29				
DVP_P7-1:LN 2095-2137_SRT-A		91.93				
DVP_P7-1:LN 9344-9345_SRT-A		107.34				
PEPCO_P1_BURCH-KEYS_SRT-A		90.88				
PEPCO_P1_PP1A_A_SRT-A		91.90				
PEPCO_P1_PP1A_SRT-A		91.87				
PEPCO_P4_PP16_SRT-A		94.98				
PEPCO_P4_PP18_SRT-A		95.12				
PEPCO_P4_PP20_SRT-A		95.10				
PEPCO_P5_8PEPCO_SRT-A		96.04				
PEPCO_P7_1PEPCO_SRT-A		92.51				

Monitored Facility	Areas	Scenario ContName	Scenario	Final AC %Loading		FG #
				Baseline (SUM)	Proposal Containing the Project (SUM)	
3149428FLUWANNMEAS 500 315246 1CUNINGA 13.0 1 1	345	ContName	Base Case	94.98	97.01	
3149478GREENSVILLE 500 315244 1Z1-086 ST 24.0 1 1	345	PF7_SRT-A	Base Case	92.91	92.91	
		PEP_P1-2_#17218_SRT-A	Base Case	203.95	204.14	
		PEP_P1-2_#363_1682_SRT-A	Base Case	204.75	204.91	
		PEP_P4_#17219_05GUERNSEY765_A_SRT-A	Base Case	191.73	191.91	
		PEP_P4_#17220_05GUERNSEY765_B_SRT-A	Base Case	191.73	191.91	
		PEP_P4_#17221_05GUERNSEY765_C_SRT-A	Base Case	191.73	191.91	
		PEP_P4_#3002_06ROCKPT765_C2_SRT-A	Base Case	192.46	192.61	
		PEP_P4_#363_05JEFRSO765_B1_SRT-A	Base Case	192.46	192.61	
		PEP_P4_#6648_05JEFRSO765_B_SRT-A	Base Case	192.46	192.61	
		PEP_P4_#9336_05ROCKPT765_C_SRT-A	Base Case	192.46	192.61	
		PEP_P5_#11280_05ROCK_08ROCK_SRT-A	Base Case	192.40	192.55	
		DVP_P1-2: LN 511_SRT-S	Base Case	201.73	201.93	
		DVP_P1-2: LN 591_SRT-S	Base Case	207.37	207.51	
		DVP_P1-2: LN 592_SRT-S	Base Case	204.15	204.40	
		DVP_P4-1: WARREN G1542_SRT-A	Base Case	203.87	204.11	
		DVP_P4-2: 51172_SRT-S	Base Case	191.64	191.86	
		DVP_P4-2: 51192_SRT-S	Base Case	195.38	195.57	
		DVP_P4-2: 51192_SRT-S	Base Case	194.92	195.41	
		DVP_P4-2: 511544_SRT-S	Base Case	196.43	196.66	
		DVP_P4-2: 511587_SRT-S	Base Case	194.13	194.23	
		DVP_P4-2: 5411580_SRT-S	Base Case	192.08	192.08	
		DVP_P4-2: 5801592_SRT-S	Base Case	192.08	192.08	
		DVP_P4-2: 5801592_SRT-S	Base Case	192.08	192.08	
		DVP_P4-2: 5871591_SRT-S	Base Case	192.10	192.48	
		DVP_P4-2: 5891921_SRT-S	Base Case	192.12	192.41	
		DVP_P4-2: 5891922_SRT-S	Base Case	192.12	192.41	
		DVP_P4-2: XT591_SRT-S	Base Case	191.90	191.90	
		DVP_P4-3: H1H3_SRT-A	Base Case	192.10	192.28	
		PECO_P1-2_3034_SRT-A/* \$ CHESCO \$ PECO_P1-2_5034 \$ L	Base Case	203.71	203.94	
		PECO_P4_Peach245_SRT-A/* \$ CHESCO \$ PECO_P4_Peach245 \$ STBK	Base Case	191.94	192.10	
		PECO_P4_Peach255_SRT-A/* \$ CHESCO \$ PECO_P4_Peach255 \$ STBK	Base Case	191.49	191.70	
		PL_02_P12_001029_SRT-A	Base Case	203.89	203.89	
		PL_02_P42_001063_SRT-A	Base Case	191.65	191.65	
		PL_02_P42_001064_SRT-A-NEW	Base Case	191.65	191.65	
		DVP_P1-4: 1WEYRHBI_1WEYRHSE 1_SRT-A	Base Case	141.36	141.36	
		DVP_P1-4: 1WEYRHSE_1DOMITR78_1_SRT-A	Base Case	141.36	141.36	
		Base Case	Base Case	103.20	103.23	
		Base Case	Base Case	101.04	101.04	
		Base Case	Base Case	96.05	96.05	
		Base Case	Base Case	98.65	98.65	
		Base Case	Base Case	92.44	92.44	
		Base Case	Base Case	95.35	95.35	
		Base Case	Base Case	92.73	92.73	
		Base Case	Base Case	212.58	212.59	
		Base Case	Base Case	145.99	145.99	
		Base Case	Base Case	94.42	94.42	
		Base Case	Base Case	94.86	94.84	
		Base Case	Base Case	126.92	126.93	
		Base Case	Base Case	100.84	100.86	
		Base Case	Base Case	97.28	97.14	
		Base Case	Base Case	91.10	91.10	
		Base Case	Base Case	90.97	90.96	
		Base Case	Base Case	91.64	91.64	
		Base Case	Base Case	92.07	92.06	
		Base Case	Base Case	91.26	91.25	
		Base Case	Base Case	94.79	94.80	
		Base Case	Base Case	95.36	95.36	



Monitored Facility	Cont Name	ContType	Areas	OP Rule	LTF Impact (Max/Min)	Scenario	Final A/C %LD		FG #
							Baseline (SUM)	Proposal Containing the Project (SUM)	
313841 6ENTERPRISS 230 313804 6GREENWAY2 230 1	DVP P1-2:LN581-SRT-S	OP	345	OP	51.17/151.17	1078.2/1873.2	93.20		
	DVP P1-2:LN2188-SRT-A	OP	345	Single	39.92/139.92	1068.3/1863.3	92.34		
	DVP P1-2:LN227-SRT-A	OP	345	OP	24.13/204.92	1468.4/1416.4	95.79		
	DVP P1-2:LN2095-SRT-A	OP	345	OP	18.79/116.28	1459.4/1405.9	95.06		
	DVP P1-2:LN2190-SRT-A	OP	345	OP	87.07/84.24	1180.0/1141.9	93.30		
	DVP P1-2:LN2180-SRT-A	OP	345	OP	63.51/161.28	1166.7/1128.2	92.26		
	DVP P1-2:LN2174-SRT-S	OP	345	OP	9.02/18.3	1348.0/1334.5	90.26		
	DVP P1-2:LN2172-SRT-S	OP	345	OP	16.04/113.79	1386.7/1334.5	90.26		
	DVP P1-2:LN2172-SRT-S	OP	345	OP	20.96/20.2	1443.1/1381.6	95.44		
	DVP P1-2:LN2172-SRT-S	OP	345	OP	20.96/20.2	1787.4/1765.2	95.44		
313859 8BELMONT 230 314072 8PL VIEW 230 1	DVP P1-2:LN2095-SRT-A	OP	345	OP	10.19/19.26	1772.3/1744.0	97.97		
	DVP P1-2:LN2095-SRT-A	OP	345	OP	7.2/16.21	1783.7/1767.5	97.73		
	DVP P1-2:LN2120-SRT-S	OP	345	OP	20.96/20.2	1783.7/1711.7	97.94		
	DVP P1-2:LN2120-SRT-S	OP	345	OP	20.96/20.2	1783.7/1711.7	97.94		
	DVP P1-2:LN2120-SRT-S	OP	345	OP	20.96/20.2	1783.7/1711.7	97.94		
	DVP P1-2:LN2120-SRT-S	OP	345	OP	20.96/20.2	1783.7/1711.7	97.94		
	DVP P1-2:LN2120-SRT-S	OP	345	OP	20.96/20.2	1783.7/1711.7	97.94		
	DVP P1-2:LN2120-SRT-S	OP	345	OP	20.96/20.2	1783.7/1711.7	97.94		
	DVP P1-2:LN2120-SRT-S	OP	345	OP	20.96/20.2	1783.7/1711.7	97.94		
	DVP P1-2:LN2120-SRT-S	OP	345	OP	20.96/20.2	1783.7/1711.7	97.94		
313904 6000SECRK 230 314006 6ASHBURA 230 1	DVP P1-2:LN514-SRT-A	OP	345	OP	112.51/112.51	1265.3/1265.3	97.46		
	DVP P1-2:LN514-SRT-A	OP	345	OP	112.51/112.51	1265.3/1265.3	97.46		
	DVP P1-2:LN514-SRT-A	OP	345	OP	112.51/112.51	1265.3/1265.3	97.46		
	DVP P1-2:LN514-SRT-A	OP	345	OP	112.51/112.51	1265.3/1265.3	97.46		
	DVP P1-2:LN514-SRT-A	OP	345	OP	112.51/112.51	1265.3/1265.3	97.46		
	DVP P1-2:LN514-SRT-A	OP	345	OP	112.51/112.51	1265.3/1265.3	97.46		
	DVP P1-2:LN514-SRT-A	OP	345	OP	112.51/112.51	1265.3/1265.3	97.46		
	DVP P1-2:LN514-SRT-A	OP	345	OP	112.51/112.51	1265.3/1265.3	97.46		
	DVP P1-2:LN514-SRT-A	OP	345	OP	112.51/112.51	1265.3/1265.3	97.46		
	DVP P1-2:LN514-SRT-A	OP	345	OP	112.51/112.51	1265.3/1265.3	97.46		
314004 6ASHBURN 230 314010 6BEAHEAD 230 1	DVP P1-2:LN227-SRT-A	OP	345	OP	26.04/27.47	1673.7/1654.2	111.87		
	DVP P1-2:LN227-SRT-A	OP	345	OP	26.04/27.47	1673.7/1654.2	111.87		
	DVP P1-2:LN227-SRT-A	OP	345	OP	26.04/27.47	1673.7/1654.2	111.87		
	DVP P1-2:LN227-SRT-A	OP	345	OP	26.04/27.47	1673.7/1654.2	111.87		
	DVP P1-2:LN227-SRT-A	OP	345	OP	26.04/27.47	1673.7/1654.2	111.87		
	DVP P1-2:LN227-SRT-A	OP	345	OP	26.04/27.47	1673.7/1654.2	111.87		
	DVP P1-2:LN227-SRT-A	OP	345	OP	26.04/27.47	1673.7/1654.2	111.87		
	DVP P1-2:LN227-SRT-A	OP	345	OP	26.04/27.47	1673.7/1654.2	111.87		
	DVP P1-2:LN227-SRT-A	OP	345	OP	26.04/27.47	1673.7/1654.2	111.87		
	DVP P1-2:LN227-SRT-A	OP	345	OP	26.04/27.47	1673.7/1654.2	111.87		
314006 6ASHBURA 230 314010 6BEAHEAD 230 1	DVP P1-2:LN2180-SRT-A	OP	345	OP	16.04/13.79	1384.2/1332.5	90.11		
	DVP P1-2:LN2180-SRT-A	OP	345	OP	16.04/13.79	1384.2/1332.5	90.11		
	DVP P1-2:LN2180-SRT-A	OP	345	OP	16.04/13.79	1384.2/1332.5	90.11		
	DVP P1-2:LN2180-SRT-A	OP	345	OP	16.04/13.79	1384.2/1332.5	90.11		
	DVP P1-2:LN2180-SRT-A	OP	345	OP	16.04/13.79	1384.2/1332.5	90.11		
	DVP P1-2:LN2180-SRT-A	OP	345	OP	16.04/13.79	1384.2/1332.5	90.11		
	DVP P1-2:LN2180-SRT-A	OP	345	OP	16.04/13.79	1384.2/1332.5	90.11		
	DVP P1-2:LN2180-SRT-A	OP	345	OP	16.04/13.79	1384.2/1332.5	90.11		
	DVP P1-2:LN2180-SRT-A	OP	345	OP	16.04/13.79	1384.2/1332.5	90.11		
	DVP P1-2:LN2180-SRT-A	OP	345	OP	16.04/13.79	1384.2/1332.5	90.11		
314009 6BRADOCK 230 314052 6IDVLWOD 230 1	DVP P1-2:LN2097-SRT-A	OP	345	OP	10.27/10.27	1382.0/1382.0	92.91		
	DVP P1-2:LN2097-SRT-A	OP	345	OP	10.27/10.27	1382.0/1382.0	92.91		
	DVP P1-2:LN2097-SRT-A	OP	345	OP	10.27/10.27	1382.0/1382.0	92.91		
	DVP P1-2:LN2097-SRT-A	OP	345	OP	10.27/10.27	1382.0/1382.0	92.91		
	DVP P1-2:LN2097-SRT-A	OP	345	OP	10.27/10.27	1382.0/1382.0	92.91		
	DVP P1-2:LN2097-SRT-A	OP	345	OP	10.27/10.27	1382.0/1382.0	92.91		
	DVP P1-2:LN2097-SRT-A	OP	345	OP	10.27/10.27	1382.0/1382.0	92.91		
	DVP P1-2:LN2097-SRT-A	OP	345	OP	10.27/10.27	1382.0/1382.0	92.91		
	DVP P1-2:LN2097-SRT-A	OP	345	OP	10.27/10.27	1382.0/1382.0	92.91		
	DVP P1-2:LN2097-SRT-A	OP	345	OP	10.27/10.27	1382.0/1382.0	92.91		
314010 6BEAHEAD 230 313743 6INTERCONNECT 230 1	DVP P1-2:LN241-SRT-A	OP	345	OP	13.15/13.15	683.8/683.8	93.67		
	DVP P1-2:LN241-SRT-A	OP	345	OP	13.15/13.15	683.8/683.8	93.67		
	DVP P1-2:LN241-SRT-A	OP	345	OP	13.15/13.15	683.8/683.8	93.67		
	DVP P1-2:LN241-SRT-A	OP	345	OP	13.15/13.15	683.8/683.8	93.67		
	DVP P1-2:LN241-SRT-A	OP	345	OP	13.15/13.15	683.8/683.8	93.67		
	DVP P1-2:LN241-SRT-A	OP	345	OP	13.15/13.15	683.8/683.8	93.67		
	DVP P1-2:LN241-SRT-A	OP	345	OP	13.15/13.15	683.8/683.8	93.67		
	DVP P1-2:LN241-SRT-A	OP	345	OP	13.15/13.15	683.8/683.8	93.67		
	DVP P1-2:LN241-SRT-A	OP	345	OP	13.15/13.15	683.8/683.8	93.67		
	DVP P1-2:LN241-SRT-A	OP	345	OP	13.15/13.15	683.8/683.8	93.67		
314036 6DISCOVER 230 313774 6LINC PRK 230 1	DVP P1-2:LN2097-SRT-A	OP	345	OP	14.59/11.77	829.2/783.6	102.91		
	DVP P1-2:LN2097-SRT-A	OP	345	OP	14.59/11.77	829.2/783.6	102.91		
	DVP P1-2:LN2097-SRT-A	OP	345	OP	14.59/11.77	829.2/783.6	102.91		
	DVP P1-2:LN2097-SRT-A	OP	345	OP	14.59/11.77	829.2/783.6	102.91		
	DVP P1-2:LN2097-SRT-A	OP	345	OP	14.59/11.77	829.2/783.6	102.91		
	DVP P1-2:LN2097-SRT-A	OP	345	OP	14.59/11.77	829.2/783.6	102.91		
	DVP P1-2:LN2097-SRT-A	OP	345	OP	14.59/11.77	829.2/783.6	102.91		
	DVP P1-2:LN2097-SRT-A	OP	345	OP	14.59/11.77	829.2/783.6	102.91		
	DVP P1-2:LN2097-SRT-A	OP	345	OP	14.59/11.77	829.2/783.6	102.91		
	DVP P1-2:LN2097-SRT-A	OP	345	OP	14.59/11.77	829.2/783.6	102.91		
314039 6GALLOWSA 230 314052 6IDVLWOD 230 1	DVP P1-2:LN248-SRT-A	OP	345	OP	11.89/11.89	726.7/726.7	90.74		
	DVP P1-2:LN248-SRT-A	OP	345	OP	11.89/11.89	726.7/726.7	90.74		
	DVP P1-2:LN248-SRT-A	OP	345	OP	11.89/11.89	726.7/726.7	90.74		
	DVP P1-2:LN248-SRT-A	OP	345	OP	11.89/11.89	726.7/726.7	90.74		
	DVP P1-2:LN248-SRT-A	OP	345	OP	11.89/11.89	726.7/726.7	90.74		
	DVP P1-2:LN248-SRT-A	OP	345	OP	11.89/11.89	726.7/726.7	90.74		
	DVP P1-2:LN248-SRT-A	OP	345	OP	11.89/11.89	726.7/726.7	90.74		
	DVP P1-2:LN248-SRT-A	OP	345	OP	11.89/11.89	726.7/726.7	90.74		
	DVP P1-2:LN248-SRT-A	OP	345	OP	11.89/11.89	726.7/726.7	90.74		
	DVP P1-2:LN248-SRT-A	OP	345	OP	11.89/11.89	726.7/726.7	90.74		
314041 6GLEEE 230 314485 6RADNOR 230 1	DVP P1-2:LN581-SRT-A	OP	345	OP	13.67/13.67	724.5/724.5	95.51		
	DVP P1-2:LN581-SRT-A	OP	345	OP	13.67/13.67	724.5/724.5	95.51		
	DVP P1-2:LN581-SRT-A	OP	345	OP	13.67/13.67	724.5/724.5	95.51		
	DVP P1-2:LN581-SRT-A	OP	345	OP	13.67/13.67	724.5/724.5	95.51		
	DVP P1-2:LN581-SRT-A	OP	345	OP	13.67/13.67	724.5/724.5	95.51		
	DVP P1-2:LN581-SRT-A	OP	345	OP	13.67/13.67	724.5/724.5	95.51		
	DVP P1-2:LN581-SRT-A	OP	345	OP	13.67/13.67	724.5/724.5	95.51		
	DVP P1-2:LN581-SRT-A	OP	345	OP	13.67/13.67	724.5/724.5	95.51		
	DVP P1-2:LN581-SRT-A	OP	345	OP	13.67/13.67	724.5/724.5	95.51		
	DVP P1-2:LN581-SRT-A	OP	345	OP	13.67/13.67	724.5/724.5	95.51		

Monitored Facility	Cont Name	ContType	Areas	OP Rule	LfT Impact (Max/Min)	Scenario	Baseline (SUM)	Final A/C %LD Proposal Containing the Project (SUM)	FG #
314067 60COQUIN 230 314068 60X 230 1	DVP P7-1: LN 250-258 SRT-A	OP	345	Above OP	10.79 / 8.46	439.3 / 388.7	110.72	109.81	
	DVP P1-2: LN 561 SRT-A	OP	345	OP	18.48 / 18.48	1332.9 / 1337.9	90.45		
		Single	345	Single	13.31 / 13.31	1338.9 / 1333.9	90.21		
	DVP P1-2: LN 9287 SRT-A	OP	345	OP	11.3 / 11.3	1389.5 / 1395.5	91.94		
		Single	345	Single	11.3 / 11.3	1386.2 / 1396.2	94.43		
	DVP P1-2: LN 207 SRT-A	OP	345	OP	14.58 / 11.77	846.6 / 808.9	106.06	101.00	
		Single	345	Single	12.85 / 12.85	846.6 / 806.7	105.75	100.73	
	DVP P1-2: LN 212 SRT-A	OP	345	OP	9.6 / 9.6	743.6 / 743.6	92.85		
		Single	345	Single	11.89 / 11.89	741.4 / 741.4	92.57		
	DVP P1-2: LN 248 SRT-A	OP	345	OP	8.93 / 8.93	790.0 / 790.0	93.65		
314068 60X 230 314039 60GALLOWS A 230 1	DVP P1-2: LN 248 SRT-A	OP	345	OP	13.67 / 13.67	790.0 / 790.0	93.70		
		Single	345	Single	10.19 / 10.19	747.8 / 747.8	93.37		
	DVP P1-2: LN 9290 SRT-A	OP	345	OP	13.05 / 10.39	800.3 / 783.7	100.95	95.38	
		Single	345	Single	9.77 / 7.72	799.0 / 782.0	99.78	95.13	
	DVP P4-2: 95901248 SRT-A	Breaker	345	Above OP	14.11 / 14.11	922.7 / 922.7	93.13		
	DVP P7-1: LN 202-248 SRT-A	Tower	345	Above OP	14.88 / 14.88	885.8 / 885.8	91.41		
	DVP P7-1: LN 207-248 SRT-A	Tower	345	Above OP	16.23 / 13.38	943.0 / 899.4	96.02	91.77	
	DVP P7-1: LN 212-248 SRT-A	Tower	345	Above OP	14.88 / 14.88	960.0 / 908.0	92.86		
	DVP P1-2: LN 227 SRT-A	OP	345	OP	28.04 / 27.47	1780.0 / 1720.0	110.33	117.40	
		Single	345	Single	28.04 / 27.47	1780.0 / 1721.1	110.39	117.39	
314068 60X 230 314039 60GALLOWS A 230 1	DVP P4-2: 90519248 SRT-A	Breaker	345	Below OP	20.81 / 27.48	1068.3 / 1095.8	95.32		
	DVP P4-2: 9271230 SRT-S	Breaker	345	Below OP	20.81 / 27.48	1068.3 / 1095.8	95.32		
	DVP P4-2: 944242 SRT-A	Breaker	345	Below OP	28.04 / 27.47	1753.7 / 1726.8	94.85	95.46	
		OP	345	OP	9.34 / 8.19	1457.2 / 1576.6	122.24	124.63	
	DVP P1-2: LN 9293 SRT-A	OP	345	OP	7.65 / 6.92	863.2 / 675.6	122.55	124.63	
	DVP P4-2: 903372 SRT-A	Breaker	345	Below OP	24.61 / 18.9	892.3 / 675.4	100.65	102.43	
	DVP P1-2: LN 2031 SRT-A	OP	345	OP	19.16 / 16.33	1434.8 / 1368.1	92.55	95.68	
	DVP P4-2: 20762 SRT-A	OP	345	OP	24.61 / 21.33	1434.8 / 1368.1	92.55	95.68	
	DVP P4-2: 20762 SRT-A	OP	345	OP	29.93 / 29.93	690.2 / 690.2	93.03	94.92	
	DVP P1-2: LN 2163 SRT-A	Breaker	345	Above OP	29.98 / 28.98	1388.7 / 1358.7	91.88	94.92	
314127 65CARLY 230 314386 60N ALEX 230 1	DVP P4-2: 92807248 SRT-A	Breaker	345	Above OP	22.1 / 22.1	1380.9 / 1360.9	92.04		
	DVP P4-2: 92807248 SRT-A	Breaker	345	Above OP	52.97 / 52.97	962.7 / 862.7	99.65	90.08	
	DVP P1-2: LN 2083 SRT-S	OP	345	OP	41.47 / 41.47	962.0 / 942.0	98.53		
		Single	345	Single	63.03 / 63.03	1008.2 / 1008.2	96.01		
	DVP P1-2: LN 568 SRT-S	OP	345	OP	49.32 / 49.32	1068.2 / 1068.2	96.87		
		Single	345	Single	52.97 / 52.97	962.7 / 862.7	99.65		
	DVP P4-2: 208342 SRT-S	Breaker	345	Below OP	53.28 / 53.28	963.1 / 963.1	99.70		
	DVP P4-2: 208342 SRT-S	Breaker	345	Below OP	52.98 / 52.98	963.7 / 863.7	99.76		
	DVP P7-1: LN 2083-2145 SRT-S	Tower	345	OP	62.67 / 62.67	681.7 / 681.7	101.91		
	DVP P1-2: LN 2119 SRT-A	OP	345	OP	62.67 / 62.67	657.8 / 657.8	98.95		
314142 65TAFORD 230 314074 8POSSUM 230 1	DVP P1-2: LN 2120 SRT-A	OP	345	OP	62.67 / 62.67	646.6 / 646.6	95.27		
	DVP P1-2: LN 2120 SRT-A	OP	345	OP	62.67 / 62.67	646.6 / 646.6	95.27		
	DVP P1-2: LN 2120 SRT-A	OP	345	OP	62.67 / 62.67	646.6 / 646.6	95.27		
	DVP P1-2: LN 2120 SRT-A	OP	345	OP	62.67 / 62.67	646.6 / 646.6	95.27		
	DVP P1-2: LN 2120 SRT-A	OP	345	OP	62.67 / 62.67	646.6 / 646.6	95.27		
	DVP P1-2: LN 2120 SRT-A	OP	345	OP	62.67 / 62.67	646.6 / 646.6	95.27		
	DVP P1-2: LN 2120 SRT-A	OP	345	OP	62.67 / 62.67	646.6 / 646.6	95.27		
	DVP P1-2: LN 2120 SRT-A	OP	345	OP	62.67 / 62.67	646.6 / 646.6	95.27		
	DVP P1-2: LN 2120 SRT-A	OP	345	OP	62.67 / 62.67	646.6 / 646.6	95.27		
	DVP P1-2: LN 2120 SRT-A	OP	345	OP	62.67 / 62.67	646.6 / 646.6	95.27		
314197 8LDYSMITH CT 230 314387 65SUMMIT 230 1	DVP P1-2: LN 562 SRT-S	OP	345	OP	38.11 / 35.03	1108.5 / 1058.5	95.63	92.01	
	DVP P1-2: LN 562 SRT-S	OP	345	OP	26.97 / 24.53	1100.8 / 1056.5	95.56	91.75	
	DVP P1-2: LN 562 SRT-S	OP	345	OP	51.13 / 51.13	1100.8 / 1100.9	95.60		
	DVP P1-2: LN 562 SRT-S	OP	345	OP	39.88 / 39.88	1080.8 / 1090.9	94.74		
	DVP P1-2: LN 568 SRT-S	OP	345	OP	63.03 / 52.6	1204.7 / 1060.2	104.62	92.07	
		Single	345	Single	49.32 / 41.03	1198.9 / 1048.9	103.51	91.17	
	DVP P1-2: LN 561 SRT-S	OP	345	OP	51.17 / 51.17	1105.7 / 1105.7	96.02		
	DVP P1-2: LN 574 SRT-S	OP	345	OP	39.92 / 39.92	1065.7 / 1065.7	95.16		
	DVP P1-2: LN 574 SRT-S	OP	345	OP	102.8 / 102.8	1068.0 / 1065.7	97.30	96.67	
	DVP P7-1: LN 211-226 SRT-S	Tower	345	Above OP	3.31 / 3.31	286.3 / 285.0	99.13	99.25	
314286 60CANSON 230 314688 60CHAPARRAL T 230 1	DVP P1-2: LN 563 SRT-S	OP	345	OP	0.53 / 0.53	102.1 / 102.1	92.03		
	DVP P1-2: LN 563 SRT-S	OP	345	OP	105.3 / 104.57	962.8 / 962.2	96.75	97.53	
	DVP P4-2: 5627683 SRT-S	Breaker	345	Single	95.75 / 95.75	867.2 / 867.2	90.14		
	DVP P1-2: LN 563 SRT-S	OP	345	Above OP	128.17 / 127.36	1170.8 / 1157.6	96.14	97.25	
	DVP P4-2: 5627683 SRT-S	Breaker	345	Above OP	105.3 / 104.57	943.1 / 932.6	94.78	95.93	
	DVP P4-2: 5627683 SRT-S	Breaker	345	Above OP	128.17 / 127.36	1150.8 / 1137.2	94.45	95.57	
	DVP P1-2: LN 563 SRT-S	OP	345	OP	66.59 / 66.69	675.4 / 668.3	99.19	101.77	
	DVP P1-2: LN 563 SRT-S	OP	345	OP	95.62 / 95.62	609.8 / 609.8	91.98		
	DVP P4-2: 5627683 SRT-S	Breaker	345	Above OP	74.82 / 74.82	740.4 / 740.4	91.18		
	AP P1-2: PE-500-0071 SRT-SL	OP	345	OP	135.48 / 112.51	1633.2 / 1675.9	121.54	113.74	
314286 60FERRY 230 313911 60WINCRENS 230 1	AP P2-3: PE-500-009C SRT-SL	OP	345	OP	135.48 / 112.51	1633.2 / 1675.9	121.54	113.74	
	DVP P1-2: LN 594 SRT-A	OP	345	OP	135.48 / 112.51	1633.2 / 1675.9	121.54	113.74	
	DVP P4-2: 54462 SRT-A	Breaker	345	Single	135.48 / 112.51	1665.7 / 1698.7	123.96	113.74	
	DVP P4-2: 54462 SRT-A	Breaker	345	Single	135.48 / 112.51	1665.7 / 1698.7	123.96	113.74	
	DVP P1-2: LN 208 SRT-A	OP	345	Above OP	30.09 / 15.99	1068.3 / 1077.7	101.35	97.76	
	DVP P1-2: LN 208 SRT-A	OP	345	Above OP	30.09 / 15.99	1068.3 / 1077.7	101.35	97.76	
	DVP P4-2: 20812 SRT-A	Breaker	345	OP	30.09 / 15.99	1068.3 / 1077.7	101.35	97.76	
	DVP P4-2: 20812 SRT-A	Breaker	345	OP	30.09 / 15.99	1068.3 / 1077.7	101.35	97.76	
	DVP P4-2: 20812 SRT-A	Breaker	345	OP	30.09 / 15.99	1068.3 / 1077.7	101.35	97.76	
	DVP P1-2: LN 2035-206 SRT-A	OP	345	Above OP	24.91 / 24.16	238.8 / 201.7	99.30	99.39	
314631 60PE 230 314263 60FLER1 230 1	DVP P1-2: LN 248 SRT-A	Tower	345	Above OP	58.07 / 57.84	232.8 / 200.6	113.56	112.47	
		Single	345	Single	53.59 / 53.41	449.3 / 438.4	100.24	99.23	
	DVP P1-2: LN 563 SRT-S	OP	345	OP	59.66 / 59.23	428.0 / 423.5	95.88	95.87	
	DVP P1-2: LN 563 SRT-S	OP	345	OP	54.02 / 53.69	424.5 / 418.5	94.72	94.72	
	DVP P4-2: 5627683 SRT-S	Breaker	345	Single	71.27 / 70.79	598.6 / 591.7	96.43	97.72	
	DVP P4-2: 5627683 SRT-S	Breaker	345	Single	71.27 / 70.79	598.6 / 591.7	96.43	97.72	
	DVP P4-2: 5627683 SRT-S	Breaker	345	Single	71.27 / 70.79	598.6 / 591.7	96.43	97.72	
	DVP P4-2: 5627683 SRT-S	Breaker	345	Single	71.27 / 70.79	598.6 / 591.7	96.43	97.72	
	DVP P4-2: 5627683 SRT-S	Breaker	345	Single	71.27 / 70.79	598.6 / 591.7	96.43	97.72	
	DVP P4-2: 5627683 SRT-S	Breaker	345	Single	71.27 / 70.79	598.6 / 591.7	96.43	97.72	

Monitored Facility	Cont Name	ContType	Areas	OP Rule	LTF Impact (Max/Min)	Scenario		Final A/C %LD	FG #
						AC Final Flow (Max/Min)	Baseline (SUM)		
314358 6PWOHATN 230 314329 6HNDLHAN 230 1 314435 6SPAPONY 230 314282 6CARSON 230 1	DVP P1-2:LN553 SRT-A	OP	345	OP	34.73 / 72.95	746.2 / 724.5	90.46	93.18	
	DVP P1-2:LN2012 SRT-A	OP	345	OP	78.96 / 78.32	744.8 / 707.6	104.26	105.32	
	DVP P1-2:LN2060 SRT-A	OP	345	OP	78.96 / 78.32	744.8 / 707.6	104.26	105.32	
	DVP P1-2:LN246 SRT-A	OP	345	OP	91.88 / 91.15	748.5 / 732.6	107.54	108.54	
	DVP P1-2:LN570 SRT-A	OP	345	OP	91.88 / 91.15	748.5 / 732.6	107.54	108.54	
	DVP P1-2:LN583 SRT-A	OP	345	OP	91.88 / 91.15	748.5 / 732.6	107.54	108.54	
	DVP P4-2:24672034 SRT-A	Breaker	345	Above OP	100.96 / 100.21	722.7 / 713.2	105.06	106.48	
	DVP P4-2:2467247 SRT-A	Breaker	345	Above OP	94.46 / 94.46	782.7 / 782.7	97.71	98.79	
	DVP P4-2:509170 SRT-A	Breaker	345	Above OP	124.11 / 113.32	767.8 / 787.6	94.88	96.12	
	DVP P4-2:12152 SRT-A	Breaker	345	Above OP	0.8 / 0.8	134.5 / 134.5	98.88	98.88	
314532 30AKR123 115 314538 3BUFFOLK 115 1	DVP P4-5:1552 SRT-A	Breaker	345	Above OP	0.8 / 0.8	134.5 / 134.4	98.88	98.88	
	DVP P4-5:1652 SRT-A	Breaker	345	Above OP	0.8 / 0.8	134.5 / 134.4	98.88	98.88	
	DVP P4-5:POE1652 SRT-A	Breaker	345	Above OP	17.9 / 17.78	280.7 / 285.3	96.12	96.62	
	DVP P1-2:LN238 SRT-A	OP	345	OP	18.51 / 18.39	258.0 / 253.8	94.07	94.52	
	DVP P1-2:LN248 SRT-A	OP	345	OP	14.7 / 14.4	238.6 / 238.6	91.08	91.08	
	DVP P1-2:LN2029 SRT-A	OP	345	OP	1.24 / 1.13	227.6 / 227.1	94.88	94.88	
	DVP P1-2:LN2201 SRT-A	OP	345	OP	26.81 / 26.56	238.9 / 238.0	94.07	94.20	
	DVP P1-2:LN2032 SRT-A	OP	345	OP	79.19 / 78.58	785.0 / 688.4	102.91	103.97	
	DVP P1-2:LN2060 SRT-A	OP	345	OP	79.19 / 78.58	785.0 / 688.4	102.91	103.97	
	DVP P1-2:LN246 SRT-A	OP	345	OP	92.09 / 91.38	784.4 / 728.5	107.01	108.71	
314589 3CORONA 115 314585 6CLUBHOUSE 230 1 314683 6CLUBHOUSE 230 314435 6SPAPONY 230 1	DVP P1-2:LN570 SRT-A	OP	345	OP	92.28 / 74.99	746.6 / 735.7	104.26	105.42	
	DVP P1-2:LN583 SRT-A	OP	345	OP	92.28 / 74.99	746.6 / 735.7	104.26	105.42	
	DVP P4-2:24672034 SRT-A	Breaker	345	Above OP	101.19 / 100.46	718.7 / 707.4	98.42	99.68	
	DVP P4-2:2467247 SRT-A	Breaker	345	Above OP	94.46 / 94.46	782.7 / 782.7	97.71	98.79	
	DVP P4-2:509170 SRT-A	Breaker	345	Above OP	124.11 / 113.32	767.8 / 787.6	94.88	96.12	
	DVP P4-2:12152 SRT-A	Breaker	345	Above OP	0.8 / 0.8	134.5 / 134.4	98.88	98.88	
	DVP P4-2:LN2029 SRT-A	OP	345	OP	1.24 / 1.13	227.6 / 227.1	94.88	94.88	
	DVP P4-2:LN2201 SRT-A	OP	345	OP	26.81 / 26.56	238.9 / 238.0	94.07	94.20	
	DVP P4-2:LN2032 SRT-A	OP	345	OP	79.19 / 78.58	785.0 / 688.4	102.91	103.97	
	DVP P4-2:LN2060 SRT-A	OP	345	OP	79.19 / 78.58	785.0 / 688.4	102.91	103.97	
314589 3CORONA 115 314585 6CLUBHOUSE 230 1 314683 6CLUBHOUSE 230 314435 6SPAPONY 230 1	DVP P4-2:24672034 SRT-A	Breaker	345	Below OP	86.52 / 86.03	704.1 / 688.6	99.54	100.73	
	DVP P4-2:2467247 SRT-A	Breaker	345	Below OP	86.52 / 86.03	704.1 / 688.6	99.54	100.73	
	DVP P4-2:509170 SRT-A	Breaker	345	Below OP	86.52 / 86.03	704.1 / 688.6	99.54	100.73	
	DVP P4-2:12152 SRT-A	Breaker	345	Below OP	86.52 / 86.03	704.1 / 688.6	99.54	100.73	
	DVP P1-2:LN2029 SRT-A	OP	345	OP	86.52 / 86.03	630.6 / 630.6	90.22	90.22	
	DVP P1-2:LN2126 SRT-A	OP	345	OP	86.52 / 86.03	630.6 / 630.6	90.22	90.22	
	DVP P1-2:LN2131 SRT-A	OP	345	OP	86.52 / 86.03	630.6 / 630.6	90.22	90.22	
	DVP P1-2:LN2201 SRT-A	OP	345	OP	86.52 / 86.03	630.6 / 630.6	90.22	90.22	
	DVP P1-2:LN238 SRT-A	OP	345	OP	86.52 / 86.03	630.6 / 630.6	90.22	90.22	
	DVP P1-2:LN246 SRT-A	OP	345	OP	86.52 / 86.03	630.6 / 630.6	90.22	90.22	
314575 6NUICO TP 230 1	DVP P4-2:2092214 SRT-A	Breaker	345	Below OP	86.52 / 86.03	704.1 / 688.6	99.54	100.73	
	DVP P4-2:2092214 SRT-A	Breaker	345	Below OP	86.52 / 86.03	704.1 / 688.6	99.54	100.73	
	DVP P4-2:2092214 SRT-A	Breaker	345	Below OP	86.52 / 86.03	704.1 / 688.6	99.54	100.73	
	DVP P4-2:2092214 SRT-A	Breaker	345	Below OP	86.52 / 86.03	704.1 / 688.6	99.54	100.73	
	DVP P4-2:2092214 SRT-A	Breaker	345	Below OP	86.52 / 86.03	704.1 / 688.6	99.54	100.73	
	DVP P4-2:2092214 SRT-A	Breaker	345	Below OP	86.52 / 86.03	704.1 / 688.6	99.54	100.73	
	DVP P4-2:2092214 SRT-A	Breaker	345	Below OP	86.52 / 86.03	704.1 / 688.6	99.54	100.73	
	DVP P4-2:2092214 SRT-A	Breaker	345	Below OP	86.52 / 86.03	704.1 / 688.6	99.54	100.73	
	DVP P4-2:2092214 SRT-A	Breaker	345	Below OP	86.52 / 86.03	704.1 / 688.6	99.54	100.73	
	DVP P4-2:2092214 SRT-A	Breaker	345	Below OP	86.52 / 86.03	704.1 / 688.6	99.54	100.73	
314575 6NUICO TP 230 314537 6SUUFFOLK 230 1	DVP P1-2:LN238 SRT-A	OP	345	OP	86.52 / 86.03	704.1 / 688.6	99.54	100.73	
	DVP P1-2:LN246 SRT-A	OP	345	OP	86.52 / 86.03	704.1 / 688.6	99.54	100.73	
	DVP P1-2:LN2029 SRT-A	OP	345	OP	86.52 / 86.03	704.1 / 688.6	99.54	100.73	
	DVP P1-2:LN2201 SRT-A	OP	345	OP	86.52 / 86.03	704.1 / 688.6	99.54	100.73	
	DVP P1-2:LN2032 SRT-A	OP	345	OP	86.52 / 86.03	704.1 / 688.6	99.54	100.73	
	DVP P1-2:LN2060 SRT-A	OP	345	OP	86.52 / 86.03	704.1 / 688.6	99.54	100.73	
	DVP P1-2:LN246 SRT-A	OP	345	OP	86.52 / 86.03	704.1 / 688.6	99.54	100.73	
	DVP P1-2:LN570 SRT-A	OP	345	OP	86.52 / 86.03	704.1 / 688.6	99.54	100.73	
	DVP P1-2:LN583 SRT-A	OP	345	OP	86.52 / 86.03	704.1 / 688.6	99.54	100.73	
	DVP P4-2:24672034 SRT-A	Breaker	345	Below OP	86.52 / 86.03	704.1 / 688.6	99.54	100.73	
314795 2ALTAVISTA 230 314798 6GOODRIVL 230 1 314741 6BARRCK1 230 314749 6CHARLV 230 1 314742 6BARRCK2 230 313826 6HYDRANLUC 230 1 314749 6CHARLV 230 314772 6PROFIT 230 1	DVP P1-2:LN553 SRT-S	Single	345	Single	24.03 / 24.03	510.9 / 510.9	91.35	91.35	
	DVP P1-2:LN553 SRT-S	Single	345	Single	24.03 / 24.03	510.9 / 510.9	91.35	91.35	
	DVP P1-2:LN2088 SRT-A	OP	345	Single	24.01 / 24.01	520.1 / 520.1	91.00	91.00	
	DVP P1-2:LN550 SRT-S	OP	345	Single	45.47 / 44.69	547.5 / 535.5	99.40	97.19	
	DVP P4-2:542755 SRT-S	OP	345	Single	38.31 / 37.68	548.6 / 531.5	96.68	96.48	
	DVP P4-2:HT553 SRT-S	OP	345	Single	66.62 / 66.17	528.5 / 528.3	95.50	96.67	
	DVP P4-2:HT553 SRT-S	OP	345	Single	57.14 / 56.8	528.5 / 528.3	95.50	96.67	
	DVP P4-2:HT553 SRT-S	OP	345	Single	59.54 / 58.07	634.4 / 618.4	112.26	115.17	
	DVP P1-2:LN553 SRT-S	OP	345	Single	50.89 / 49.74	663.9 / 649.2	117.86	120.52	
	DVP P1-2:LN553 SRT-S	OP	345	Single	59.84 / 59.94	633.2 / 633.2	90.88	90.88	
314751 6SPINE GLADE 115 314779 6SPY TAP 115 1	DVP P4-2:542755 SRT-S	Breaker	345	Above OP	59.83 / 58.36	638.5 / 619.7	91.54	94.29	
	DVP P4-2:HT553 SRT-S	Breaker	345	Above OP	59.83 / 58.36	638.5 / 619.7	91.54	94.29	
	DVP P1-2:LN553 SRT-S	OP	345	Single	24.01 / 24.01	520.1 / 520.1	91.00	91.00	
	DVP P1-2:LN553 SRT-S	OP	345	Single	27.6 / 27.6	507.2 / 507.2	93.54	90.89	
	DVP P1-2:LN553 SRT-S	OP	345	Single	24.03 / 23.57	530.4 / 513.4	91.79	94.83	
	DVP P1-2:LN70 SRT-A	OP	345	Single	2.49 / 2.42	233.8 / 230.9	96.27	100.64	
	DVP P4-5:REMNGL182 SRT-A	Breaker	345	Above OP	2.12 / 2.12	236.7 / 236.7	90.11	90.11	
	DVP P1-2:LN2088 SRT-A	OP	345	Single	6.42 / 6.42	785.0 / 785.0	102.11	102.11	
	DVP P1-2:LN553 SRT-S	OP	345	Single	3.36 / 3.36	789.2 / 739.1	96.85	96.86	
	DVP P1-2:LN553 SRT-S	OP	345	Single	27.6 / 27.6	507.2 / 507.2	93.54	90.89	
314794 6DOONHS 230 314752 6CROZET2 230 1 314800 6BRINSTER 500 314330 6BRINSTER 230 1 314800 6BRINSTER 500 314319 6OX 500 1	DVP P1-2:LN553 SRT-S	OP	345	Single	24.03 / 23.57	530.4 / 513.4	91.79	94.83	
	DVP P4-2:542755 SRT-S	OP	345	Single	38.31 / 37.68	548.6 / 531.5	96.68	96.48	
	DVP P4-2:HT553 SRT-S	OP	345	Single	66.62 / 66.17	528.5 / 528.3	95.50	96.67	
	DVP P4-2:HT553 SRT-S	OP	345	Single	57.14 / 56.8	528.5 / 528.3	95.50	96.67	
	DVP P4-2:HT553 SRT-S	OP	345	Single	59.54 / 58.07	634.4 / 618.4	112.26	115.17	
	DVP P1-2:LN553 SRT-S	OP	345	Single	50.89 / 49.74	663.9 / 649.2	117.86	120.52	
	DVP P1-2:LN553 SRT-S	OP	345	Single	59.84 / 59.94	633.2 / 633.2	90.88	90.88	
	DVP P1-2:LN553 SRT-S	OP	345	Single	59.83 / 58.36	638.5 / 619.7	91.54	94.29	
	DVP P1-2:LN553 SRT-S	OP	345	Single	59.83 / 58.36	638.5 / 619.7	91.54	94.29	
	DVP P1-2:LN553 SRT-S	OP	345	Single	24.01 / 24.01	520.1 / 520.1	91.00	91.00	
314801 6BATH CO 500 314807 6LEWINGNSC 500 1 314801 6BATH CO 500 314881 6WALLEYS 500 1	DVP P1-2:LN553 SRT-S	OP	345	Single	24.03 / 23.57	530.4 / 513.4	91.79	94.83	
	DVP P1-2:LN553 SRT-S	OP	345	Single	27.6 / 27.6	507.2 / 507.2	93.54	90.89	
	DVP P1-2:LN553 SRT-S	OP	345	Single	24.03 / 23.57	530.4 / 513.4	91.79	94.83	
	DVP P1-2:LN70 SRT-A	OP	345	Single	2.49 / 2.42	233.8 / 230.9	96.27	100.64	
	DVP P4-5:REMNGL182 SRT-A	Breaker	345	Above OP	2.12 / 2.12	236.7 / 236.7	90.11	90.11	
	DVP P1-2:LN2088 SRT-A	OP	345	Single	6.42 / 6.42	785.0 / 785.0	102.11	102.11	
	DVP P1-2:LN553 SRT-S	OP	345	Single	3.36 / 3.36	789.2 / 739.1	96.85	96.86	
	DVP P1-2:LN553 SRT-S	OP	345	Single	27.6 / 27.6	507.2 / 507.2	93.54	90.89	
	DVP P1-2:LN553 SRT-S	OP	345	Single	24.03 / 23.57	530.4 / 513.4	91.79	94.83	
	DVP P1-2:LN553 SRT-S	OP	345	Single	27.6 / 27.6	507.2 / 507.2	93.54	90.89	
314801 6BATH CO 500 314807 6LEWINGNSC 500 1 314801 6BATH CO 500 31488									



Monitored Facility	Cont Name	ContType	Areas	OP Rule	LIF Impact (Max/Min)	AC Final Flow (Max/Min)	Scenario	Baseline (SUM)	Final AC %LD Proposal Containing the Project (SUM)	FG #
314936 BRAUNINGS 500 314902 SCARSON 500 1	DVP P1-2 LN 568 SRT-S	OP	345	OP	214.17 / 214.17	3338.0 / 3338.0	3006.1 / 3006.1	109.65		
	DVP P1-2 LN 575 SRT-S	Single	345	Single	171.77 / 171.77	2944.8 / 2944.8	2944.8 / 2944.8	91.35		
	DVP P1-2 LN 581 SRT-S	OP	345	OP	195.27 / 195.27	3570.3 / 3570.3	3570.3 / 3570.3	110.86		
	DVP P1-2 LN 581 SRT-S	Single	345	Single	185.65 / 185.65	3267.4 / 3267.4	3267.4 / 3267.4	101.46		2022W3-ED-S1803
	DVP P1-2 LN 581 SRT-S	Single	345	Single	220.29 / 220.29	3557.9 / 3557.9	3557.9 / 3557.9	110.45		
	DVP P1-2 LN 581 SRT-S	Single	345	Single	177.24 / 177.24	3074.0 / 3074.0	3074.0 / 3074.0	95.36		
	DVP P1-2 LN 581 SRT-S	OP	345	OP	182.68 / 182.68	3068.1 / 3068.1	3068.1 / 3068.1	95.35		
	DVP P1-2 LN 581 SRT-S	OP	345	OP	199.59 / 199.59	3069.7 / 3069.7	3069.7 / 3069.7	95.05		
	DVP P1-2 LN 581 SRT-S	OP	345	OP	224.34 / 224.34	3564.8 / 3564.8	3564.8 / 3564.8	91.24		
	DVP P1-2 LN 581 SRT-S	OP	345	OP	211.19 / 211.19	3754.6 / 3754.6	3754.6 / 3754.6	95.30		
314938 6GOOSE CREEK 500 313804 6GOOSECRK 230 1	DVP P1-2 LN 595 SRT-A	OP	345	OP	17.06 / 16.17	1442.9 / 1384.8	1442.9 / 1384.8	104.38		
	DVP P1-2 LN 595 SRT-A	OP	345	OP	11.49 / 10.35	1506.5 / 1459.5	1506.5 / 1459.5	107.82		
	DVP P1-2 LN 595 SRT-A	OP	345	OP	11.17 / 10.35	1366.5 / 1359.5	1366.5 / 1359.5	107.82		
	DVP P1-2 LN 595 SRT-A	OP	345	OP	17.06 / 17.06	1370.0 / 1370.0	1370.0 / 1370.0	101.80		
	DVP P1-2 LN 595 SRT-A	OP	345	OP	17.06 / 17.06	1416.3 / 1397.4	1416.3 / 1397.4	101.02		
	DVP P1-2 LN 595 SRT-A	OP	345	OP	8.24 / 8.96	1453.1 / 1397.4	1453.1 / 1397.4	104.42		
	DVP P1-2 LN 595 SRT-A	OP	345	OP	11.49 / 10.35	1453.1 / 1397.4	1453.1 / 1397.4	107.35		
	DVP P1-2 LN 595 SRT-A	OP	345	OP	11.49 / 10.35	1453.1 / 1397.4	1453.1 / 1397.4	107.35		
	DVP P1-2 LN 595 SRT-A	OP	345	OP	11.49 / 10.35	1453.1 / 1397.4	1453.1 / 1397.4	107.35		
	DVP P1-2 LN 595 SRT-A	OP	345	OP	11.49 / 10.35	1453.1 / 1397.4	1453.1 / 1397.4	107.35		
315067 IDARRY 1 13.8 314289 6DARBYN 230 1	DVP P1-2 LN 555 SRT-A	OP	345	OP	392.97 / 390.03	3957.1 / 3868.4	3957.1 / 3868.4	95.46		
	DVP P1-2 LN 547 SRT-S	Single	345	Single	25.57 / 25.57	2944.3 / 2937.0	2944.3 / 2937.0	93.33		
	DVP P1-2 LN 555 SRT-A	Single	345	Single	13.39 / 13.39	2941.1 / 2936.8	2941.1 / 2936.8	91.19		
	DVP P1-2 LN 555 SRT-A	Single	345	Single	283.04 / 282.86	3412.3 / 3408.6	3412.3 / 3408.6	105.96		
	DVP P1-2 LN 555 SRT-A	Single	345	Single	200.67 / 200.62	3345.1 / 3341.4	3345.1 / 3341.4	103.76		
	DVP P1-2 LN 555 SRT-A	Single	345	Single	317.26 / 316.8	3767.3 / 3766.9	3767.3 / 3766.9	95.61		
	DVP P1-2 LN 555 SRT-A	Single	345	Single	0.73 / 0.73	86.2 / 86.1	86.2 / 86.1	95.70		
	DVP P1-2 LN 555 SRT-A	Single	345	Single	0.38 / 0.38	86.2 / 86.2	86.2 / 86.2	95.81		
	DVP P1-2 LN 555 SRT-A	Single	345	Single	0.38 / 0.38	86.2 / 86.2	86.2 / 86.2	95.81		
	DVP P1-2 LN 555 SRT-A	Single	345	Single	0.38 / 0.38	86.2 / 86.2	86.2 / 86.2	95.81		
315068 IDARRY 2 13.8 314289 6DARBYN 230 1	DVP P1-2 LN 555 SRT-A	OP	345	OP	392.97 / 390.03	3957.1 / 3868.4	3957.1 / 3868.4	95.46		
	DVP P1-2 LN 547 SRT-S	Single	345	Single	25.57 / 25.57	2944.3 / 2937.0	2944.3 / 2937.0	93.33		
	DVP P1-2 LN 555 SRT-A	Single	345	Single	13.39 / 13.39	2941.1 / 2936.8	2941.1 / 2936.8	91.19		
	DVP P1-2 LN 555 SRT-A	Single	345	Single	283.04 / 282.86	3412.3 / 3408.6	3412.3 / 3408.6	105.96		
	DVP P1-2 LN 555 SRT-A	Single	345	Single	200.67 / 200.62	3345.1 / 3341.4	3345.1 / 3341.4	103.76		
	DVP P1-2 LN 555 SRT-A	Single	345	Single	317.26 / 316.8	3767.3 / 3766.9	3767.3 / 3766.9	95.61		
	DVP P1-2 LN 555 SRT-A	Single	345	Single	0.73 / 0.73	86.2 / 86.1	86.2 / 86.1	95.70		
	DVP P1-2 LN 555 SRT-A	Single	345	Single	0.38 / 0.38	86.2 / 86.2	86.2 / 86.2	95.81		
	DVP P1-2 LN 555 SRT-A	Single	345	Single	0.38 / 0.38	86.2 / 86.2	86.2 / 86.2	95.81		
	DVP P1-2 LN 555 SRT-A	Single	345	Single	0.38 / 0.38	86.2 / 86.2	86.2 / 86.2	95.81		
315069 IDARRY 3 13.8 314289 6DARBYN 230 1	DVP P1-2 LN 555 SRT-A	OP	345	OP	392.97 / 390.03	3957.1 / 3868.4	3957.1 / 3868.4	95.46		
	DVP P1-2 LN 547 SRT-S	Single	345	Single	25.57 / 25.57	2944.3 / 2937.0	2944.3 / 2937.0	93.33		
	DVP P1-2 LN 555 SRT-A	Single	345	Single	13.39 / 13.39	2941.1 / 2936.8	2941.1 / 2936.8	91.19		
	DVP P1-2 LN 555 SRT-A	Single	345	Single	283.04 / 282.86	3412.3 / 3408.6	3412.3 / 3408.6	105.96		
	DVP P1-2 LN 555 SRT-A	Single	345	Single	200.67 / 200.62	3345.1 / 3341.4	3345.1 / 3341.4	103.76		
	DVP P1-2 LN 555 SRT-A	Single	345	Single	317.26 / 316.8	3767.3 / 3766.9	3767.3 / 3766.9	95.61		
	DVP P1-2 LN 555 SRT-A	Single	345	Single	0.73 / 0.73	86.2 / 86.1	86.2 / 86.1	95.70		
	DVP P1-2 LN 555 SRT-A	Single	345	Single	0.38 / 0.38	86.2 / 86.2	86.2 / 86.2	95.81		
	DVP P1-2 LN 555 SRT-A	Single	345	Single	0.38 / 0.38	86.2 / 86.2	86.2 / 86.2	95.81		
	DVP P1-2 LN 555 SRT-A	Single	345	Single	0.38 / 0.38	86.2 / 86.2	86.2 / 86.2	95.81		
315070 IDARRY 4 13.8 314289 6DARBYN 230 1	DVP P1-2 LN 555 SRT-A	OP	345	OP	392.97 / 390.03	3957.1 / 3868.4	3957.1 / 3868.4	95.46		
	DVP P1-2 LN 547 SRT-S	Single	345	Single	25.57 / 25.57	2944.3 / 2937.0	2944.3 / 2937.0	93.33		
	DVP P1-2 LN 555 SRT-A	Single	345	Single	13.39 / 13.39	2941.1 / 2936.8	2941.1 / 2936.8	91.19		
	DVP P1-2 LN 555 SRT-A	Single	345	Single	283.04 / 282.86	3412.3 / 3408.6	3412.3 / 3408.6	105.96		
	DVP P1-2 LN 555 SRT-A	Single	345	Single	200.67 / 200.62	3345.1 / 3341.4	3345.1 / 3341.4	103.76		
	DVP P1-2 LN 555 SRT-A	Single	345	Single	317.26 / 316.8	3767.3 / 3766.9	3767.3 / 3766.9	95.61		
	DVP P1-2 LN 555 SRT-A	Single	345	Single	0.73 / 0.73	86.2 / 86.1	86.2 / 86.1	95.70		
	DVP P1-2 LN 555 SRT-A	Single	345	Single	0.38 / 0.38	86.2 / 86.2	86.2 / 86.2	95.81		
	DVP P1-2 LN 555 SRT-A	Single	345	Single	0.38 / 0.38	86.2 / 86.2	86.2 / 86.2	95.81		
	DVP P1-2 LN 555 SRT-A	Single	345	Single	0.38 / 0.38	86.2 / 86.2	86.2 / 86.2	95.81		
315080 1HOPHC4 13.8 313032 6HCF AQUALON 230 1	DVP P1-2 LN 568 SRT-S	OP	345	OP	214.17 / 214.17	3338.0 / 3338.0	3006.1 / 3006.1	109.65		
	DVP P1-2 LN 575 SRT-S	Single	345	Single	171.77 / 171.77	2944.8 / 2944.8	2944.8 / 2944.8	91.35		
	DVP P1-2 LN 581 SRT-S	OP	345	OP	195.27 / 195.27	3570.3 / 3570.3	3570.3 / 3570.3	110.86		
	DVP P1-2 LN 581 SRT-S	Single	345	Single	185.65 / 185.65	3267.4 / 3267.4	3267.4 / 3267.4	101.46		
	DVP P1-2 LN 581 SRT-S	Single	345	Single	220.29 / 220.29	3557.9 / 3557.9	3557.9 / 3557.9	110.45		
	DVP P1-2 LN 581 SRT-S	Single	345	Single	177.24 / 177.24	3074.0 / 3074.0	3074.0 / 3074.0	95.36		
	DVP P1-2 LN 581 SRT-S	OP	345	OP	182.68 / 182.68	3068.1 / 3068.1	3068.1 / 3068.1	95.35		
	DVP P1-2 LN 581 SRT-S	OP	345	OP	199.59 / 199.59	3069.7 / 3069.7	3069.7 / 3069.7	95.05		
	DVP P1-2 LN 581 SRT-S	OP	345	OP	224.34 / 224.34	3564.8 / 3564.8	3564.8 / 3564.8	91.24		
	DVP P1-2 LN 581 SRT-S	OP	345	OP	211.19 / 211.19	3754.6 / 3754.6	3754.6 / 3754.6	95.30		
315119 IGRAVEL3 13.8 314543 6GRAVELA 230 1	DVP P1-2 LN 595 SRT-A	OP	345	OP	17.06 / 16.17	1442.9 / 1384.8	1442.9 / 1384.8	104.38		
	DVP P1-2 LN 595 SRT-A	OP	345	OP	11.49 / 10.35	1506.5 / 1459.5	1506.5 / 1459.5	107.82		
	DVP P1-2 LN 595 SRT-A	OP	345	OP	11.17 / 10.35	1366.5 / 1359.5	1366.5 / 1359.5	107.82		
	DVP P1-2 LN 595 SRT-A	OP	345	OP	17.06 / 17.06	1370.0 / 1370.0	1370.0 / 1370.0	101.80		
	DVP P1-2 LN 595 SRT-A	OP	345	OP	17.06 / 17.06	1416.3 / 1397.4	1416.3 / 1397.4	101.02		
	DVP P1-2 LN 595 SRT-A	OP	345	OP	8.24 / 8.96	1453.1 / 1397.4	1453.1 / 1397.4	104.42		
	DVP P1-2 LN 595 SRT-A	OP	345	OP	11.49 / 10.35	1453.1 / 1397.4	1453.1 / 1397.4	107.35		
	DVP P1-2 LN 595 SRT-A	OP	345	OP	11.49 / 10.35	1453.1 / 1397.4	1453.1 / 1397.4	107.35		
	DVP P1-2 LN 595 SRT-A	OP	345	OP	11.49 / 10.35	1453.1 / 1397.4	1453.1 / 1397.4	107.35		
	DVP P1-2 LN 595 SRT-A	OP	345	OP	11.49 / 10.35	1453.1 / 1397.4	1453.1 / 1397.4	107.35		
315120 IGRAVEL4 13.8 314543 6GRAVELA 230 1	DVP P1-2 LN 595 SRT-A	OP	345	OP	17.06 / 16.17	1442.9 / 1384.8	1442.9 / 1384.8	104.38		
	DVP P1-2 LN 595 SRT-A	OP	345	OP	11.49 / 10.35	1506.5 / 1459.5	1506.5 / 1459.5	107.82		
	DVP P1-2 LN 595 SRT-A	OP	345	OP	11.17 / 10.35	1366.5 / 1359.5	1366.5 / 1359.5	107.82		
	DVP P1-2 LN 595 SRT-A	OP	345	OP	17.06 / 17.06	1370.0 / 1370.0	1370.0 / 1370.0	101.80		
	DVP P1-2 LN 595 SRT-A	OP	345	OP	17.06 / 17.06	1416.3 / 1397.4	1416.3 / 1397.4	101.02		
	DVP P1-2 LN 595 SRT-A	OP	345	OP	8.24 / 8.96	1453.1 / 1397.4	1453.1 / 1397.4	104.42		
	DVP P1-2 LN 595 SRT-A	OP	345	OP	11.49 / 10.35	1453.1 / 1397.4	1453.1 / 1397.4	107.35		
	DVP P1-2 LN 595 SRT-A	OP	345	OP	11.49 / 10.35	1453.1 / 1397.4	1453.1 / 1397.4	107.35		
	DVP P1-2 LN 595 SRT-A	OP	345	OP	11.49 / 10.35	1453.1 / 1397.4	1453.1 / 1397.4	107.35		
	DVP P1-2 LN 595 SRT-A	OP	345	OP	11.49 / 10.35	1453.1 / 1397.4	1453.1 / 1397.4	107.35		
315121 IGRAVEL5 13.8 314544 6GRAVELA 230 1	DVP P1-2 LN 595 SRT-A	OP	345	OP	17.06 / 16.17	1442.9 / 1384.8	1442.9 / 1384.8	104.38		
	DVP P1-2 LN 595 SRT-A	OP	345	OP	11.49 / 10.35	1506.5 / 1459.5	1506.5 / 1459.5	107.82		
	DVP P1-2 LN 595 SRT-A	OP	345	OP	11.					

Monitored Facility	Cont Name	ContType	Areas	OP Rule	LTF Impact (Max/Min)	AC Final Flow (Max/Min)	Scenario	Final A/C %LD	
								Baseline (SUM)	Proposal Containing the Project (SUM)
315201 1BATH 1A 20.5 989757 BATH 3W1 20.5 1	AEP P1-1, #44838, 0560CCKPT 765, 1, SRT-A	Single	345	Single	1.96 / 1.96	484.6 / 461.2	93.07	92.99	
		OP	345	OP	4.3 / 4.3	51.7 / 51.4	100.74	100.80	
		Single	345	Single	2.25 / 2.25	51.6 / 51.3	100.74	100.78	
		OP	345	OP	4.29 / 4.29	51.5 / 51.2	100.71	100.77	
		Single	345	Single	2.25 / 2.25	51.5 / 51.2	100.71	101.09	
		OP	345	OP	4.31 / 4.31	51.3 / 51.0	101.06	101.08	
		Single	345	Single	2.26 / 2.26	51.3 / 51.0	101.06	101.30	
		OP	345	OP	4.33 / 4.33	51.1 / 51.3	101.26	101.29	
		Single	345	Single	2.27 / 2.27	51.1 / 51.0	94.68	94.68	
		OP	345	OP	4.29 / 4.29	51.2 / 51.1	95.77	95.22	
		Single	345	Single	4.33 / 4.33	51.4 / 51.3	95.77	95.22	
		OP	345	OP	4.33 / 4.33	51.4 / 51.3	95.77	95.22	
		Single	345	Single	4.33 / 4.33	51.4 / 51.3	95.77	95.22	
		OP	345	OP	4.33 / 4.33	51.4 / 51.3	95.77	95.22	
		Single	345	Single	4.33 / 4.33	51.4 / 51.3	95.77	95.22	
315202 1BATH 2B 20.5 989757 BATH 3W1 20.5 1	AEP P1-1, #44838, 0560CCKPT 765, 1, SRT-A	Single	345	Single	1.96 / 1.96	484.6 / 461.2	93.07	92.99	
		OP	345	OP	4.3 / 4.3	51.7 / 51.4	100.74	100.80	
		Single	345	Single	2.25 / 2.25	51.6 / 51.3	100.74	100.78	
		OP	345	OP	4.29 / 4.29	51.5 / 51.2	100.71	100.77	
		Single	345	Single	2.25 / 2.25	51.5 / 51.2	100.71	101.09	
		OP	345	OP	4.31 / 4.31	51.3 / 51.0	101.06	101.08	
		Single	345	Single	2.26 / 2.26	51.3 / 51.0	101.06	101.30	
		OP	345	OP	4.33 / 4.33	51.1 / 51.3	101.26	101.29	
		Single	345	Single	2.27 / 2.27	51.1 / 51.0	94.68	94.68	
		OP	345	OP	4.29 / 4.29	51.2 / 51.1	95.77	95.22	
		Single	345	Single	4.33 / 4.33	51.4 / 51.3	95.77	95.22	
		OP	345	OP	4.33 / 4.33	51.4 / 51.3	95.77	95.22	
		Single	345	Single	4.33 / 4.33	51.4 / 51.3	95.77	95.22	
		OP	345	OP	4.33 / 4.33	51.4 / 51.3	95.77	95.22	
		315203 1BATH 3C 20.5 989757 BATH 3W3 20.5 1	AEP P1-1, #44838, 0560CCKPT 765, 1, SRT-A	Single	345	Single	1.96 / 1.96	484.6 / 461.2	93.07
OP	345			OP	4.3 / 4.3	51.7 / 51.4	100.74	100.80	
Single	345			Single	2.25 / 2.25	51.6 / 51.3	100.74	100.78	
OP	345			OP	4.29 / 4.29	51.5 / 51.2	100.71	100.77	
Single	345			Single	2.25 / 2.25	51.5 / 51.2	100.71	101.09	
OP	345			OP	4.31 / 4.31	51.3 / 51.0	101.06	101.08	
Single	345			Single	2.26 / 2.26	51.3 / 51.0	101.06	101.30	
OP	345			OP	4.33 / 4.33	51.1 / 51.3	101.26	101.29	
Single	345			Single	2.27 / 2.27	51.1 / 51.0	94.68	94.68	
OP	345			OP	4.29 / 4.29	51.2 / 51.1	95.77	95.22	
Single	345			Single	4.33 / 4.33	51.4 / 51.3	95.77	95.22	
OP	345			OP	4.33 / 4.33	51.4 / 51.3	95.77	95.22	
Single	345			Single	4.33 / 4.33	51.4 / 51.3	95.77	95.22	
OP	345			OP	4.33 / 4.33	51.4 / 51.3	95.77	95.22	
315204 1BATH 4D 20.5 989757 BATH 3W3 20.5 1	AEP P1-1, #44838, 0560CCKPT 765, 1, SRT-A			Single	345	Single	1.96 / 1.96	484.6 / 461.2	93.07
		OP	345	OP	4.3 / 4.3	51.7 / 51.4	100.74	100.80	
		Single	345	Single	2.25 / 2.25	51.6 / 51.3	100.74	100.78	
		OP	345	OP	4.29 / 4.29	51.5 / 51.2	100.71	100.77	
		Single	345	Single	2.25 / 2.25	51.5 / 51.2	100.71	101.09	
		OP	345	OP	4.31 / 4.31	51.3 / 51.0	101.06	101.08	
		Single	345	Single	2.26 / 2.26	51.3 / 51.0	101.06	101.30	
		OP	345	OP	4.33 / 4.33	51.1 / 51.3	101.26	101.29	
		Single	345	Single	2.27 / 2.27	51.1 / 51.0	94.68	94.68	
		OP	345	OP	4.29 / 4.29	51.2 / 51.1	95.77	95.22	
		Single	345	Single	4.33 / 4.33	51.4 / 51.3	95.77	95.22	
		OP	345	OP	4.33 / 4.33	51.4 / 51.3	95.77	95.22	
		Single	345	Single	4.33 / 4.33	51.4 / 51.3	95.77	95.22	
		OP	345	OP	4.33 / 4.33	51.4 / 51.3	95.77	95.22	



Monitored Facility	Cont Name	ContType	Areas	OP Rate	LIF Impact (Max/Min)	Scenario	Baseline (SUM)	Final A/C %LD Proposed Containing the Project (SUM)	FG #
315270 1WARREN G1 21.0 314638 8WARRENCHY 500 1	PECO P7-1. 220-0607_SRT-A / \$ CHESSO 8 PECO P7-1. 220-0607 S DCT PECO P7-1. 220-0609_SRT-A / \$ BUCKS 8 PECO P7-1. 220-0609 S DCT PL 02_P12_001029_SRT-A	Tower	345	Below OP	5.09 / 5.09	666.2 / 664.7	219.90	220.34	
		OP	345	Below OP	5.11 / 5.11	666.4 / 665.4	220.15	220.59	
		Single	345	Single	2.67 / 2.67	606.4 / 605.9	234.36	234.56	
		Base Case	345	Base Case	5.09 / 5.09	604.7 / 604.2	219.72	219.91	
		Single	345	Single	1.25 / 1.25	290.0 / 286.1	135.11	136.23	
		OP	345	OP	2.63 / 2.63	315.4 / 315.4	150.19	150.19	
		Single	345	Single	1.38 / 1.38	290.0 / 286.1	150.19	150.19	
		OP	345	OP	2.38 / 2.38	290.0 / 286.1	135.11	135.22	
		Single	345	Single	1.25 / 1.25	554.8 / 552.8	105.35	104.97	
		OP	345	OP	4.51 / 4.51	554.8 / 552.8	105.35	104.97	
315271 1WARREN G2 21.0 314638 8WARRENCHY 500 1	PECO P7-1. 220-0607_SRT-A / \$ CHESSO 8 PECO P7-1. 220-0607 S DCT PECO P7-1. 220-0609_SRT-A / \$ BUCKS 8 PECO P7-1. 220-0609 S DCT PL 02_P12_001029_SRT-A	Tower	345	Below OP	5.09 / 5.09	666.2 / 664.7	219.90	220.34	
		OP	345	Below OP	5.11 / 5.11	666.4 / 665.4	220.15	220.59	
		Single	345	Single	2.67 / 2.67	606.4 / 605.9	234.36	234.56	
		Base Case	345	Base Case	5.09 / 5.09	604.7 / 604.2	219.72	219.91	
		Single	345	Single	1.25 / 1.25	290.0 / 286.1	135.11	136.23	
		OP	345	OP	2.63 / 2.63	315.4 / 315.4	150.19	150.19	
		Single	345	Single	1.38 / 1.38	290.0 / 286.1	150.19	150.19	
		OP	345	OP	2.38 / 2.38	290.0 / 286.1	135.11	135.22	
		Single	345	Single	1.25 / 1.25	554.8 / 552.8	105.35	104.97	
		OP	345	OP	4.51 / 4.51	554.8 / 552.8	105.35	104.97	
315272 1WARREN G3 21.0 314638 8WARRENCHY 500 1	PECO P7-1. 220-0607_SRT-A / \$ CHESSO 8 PECO P7-1. 220-0607 S DCT PECO P7-1. 220-0609_SRT-A / \$ BUCKS 8 PECO P7-1. 220-0609 S DCT PL 02_P12_001029_SRT-A	Tower	345	Below OP	5.09 / 5.09	666.2 / 664.7	219.90	220.34	
		OP	345	Below OP	5.11 / 5.11	666.4 / 665.4	220.15	220.59	
		Single	345	Single	2.67 / 2.67	606.4 / 605.9	234.36	234.56	
		Base Case	345	Base Case	5.09 / 5.09	604.7 / 604.2	219.72	219.91	
		Single	345	Single	1.25 / 1.25	290.0 / 286.1	135.11	136.23	
		OP	345	OP	2.63 / 2.63	315.4 / 315.4	150.19	150.19	
		Single	345	Single	1.38 / 1.38	290.0 / 286.1	150.19	150.19	
		OP	345	OP	2.38 / 2.38	290.0 / 286.1	135.11	135.22	
		Single	345	Single	1.25 / 1.25	554.8 / 552.8	105.35	104.97	
		OP	345	OP	4.51 / 4.51	554.8 / 552.8	105.35	104.97	
315273 1WARREN S1 19.0 314638 8WARRENCHY 500 1	PECO P7-1. 220-0607_SRT-A / \$ CHESSO 8 PECO P7-1. 220-0607 S DCT PECO P7-1. 220-0609_SRT-A / \$ BUCKS 8 PECO P7-1. 220-0609 S DCT PL 02_P12_001029_SRT-A	Tower	345	Below OP	5.09 / 5.09	666.2 / 664.7	219.90	220.34	
		OP	345	Below OP	5.11 / 5.11	666.4 / 665.4	220.15	220.59	
		Single	345	Single	2.67 / 2.67	606.4 / 605.9	234.36	234.56	
		Base Case	345	Base Case	5.09 / 5.09	604.7 / 604.2	219.72	219.91	
		Single	345	Single	1.25 / 1.25	290.0 / 286.1	135.11	136.23	
		OP	345	OP	2.63 / 2.63	315.4 / 315.4	150.19	150.19	
		Single	345	Single	1.38 / 1.38	290.0 / 286.1	150.19	150.19	
		OP	345	OP	2.38 / 2.38	290.0 / 286.1	135.11	135.22	
		Single	345	Single	1.25 / 1.25	554.8 / 552.8	105.35	104.97	
		OP	345	OP	4.51 / 4.51	554.8 / 552.8	105.35	104.97	
315292 IDOMTR78 13.8 314621 3WEYHAEUSER 115 1	DVP P1-1: G-10 IDOMTR10_SRT-A	Single	345	Single	0.34 / 0.34	28.6 / 28.6	92.04	92.04	
		OP	345	OP	0.13 / 0.13	28.6 / 28.6	92.04	92.04	
		Single	345	Single	0.13 / 0.13	28.6 / 28.6	92.04	92.04	
		OP	345	OP	0.42 / 0.42	51.0 / 51.0	164.28	164.28	
		Single	345	Single	0.22 / 0.22	51.0 / 51.0	164.28	164.28	
		OP	345	OP	0.24 / 0.24	28.6 / 28.6	92.04	92.04	
		Single	345	Single	0.13 / 0.13	28.6 / 28.6	92.04	92.04	
		OP	345	OP	0.41 / 0.41	86.5 / 86.5	121.54	121.54	
		Base Case	345	Base Case	0.57 / 0.57	91.0 / 91.0	112.35	112.35	
		Base Case	345	Base Case	0.47 / 0.47	84.2 / 84.2	104.00	104.00	
316001 1CONETO2SOL 0.69 313702 1CONETO11 24.7 1	DVP P1-1: G-9 IDOMTR9_SRT-A	Single	345	Single	0.08 / 0.08	76.7 / 76.7	90.21	90.21	
		OP	345	OP	0.33 / 0.33	64.4 / 64.3	183.93	183.93	
		Single	345	Single	0.17 / 0.17	39.0 / 39.0	111.43	111.46	
		Base Case	345	Base Case	0.33 / 0.33	64.9 / 64.8	141.24	141.24	
		OP	345	OP	0.47 / 0.47	82.2 / 82.2	152.86	152.85	
		Single	345	Single	0.25 / 0.25	57.9 / 57.9	107.74	107.74	
		OP	345	OP	0.63 / 0.63	110.3 / 110.3	139.61	139.61	
		Single	345	Single	0.33 / 0.33	74.3 / 74.3	94.00	94.00	
		OP	345	OP	0.63 / 0.63	92.3 / 92.3	92.60	92.60	
		Base Case	345	Base Case	0.28 / 0.28	94.1 / 94.1	102.97	102.97	
316002 AC1-2222 COL 34.5 316001 AC1-2222 MAIN 115 1	DVP P1-1: G-10 IDOMTR10_SRT-A	Single	345	Single	1.47 / 1.47	248.2 / 248.1	116.51	116.51	
		OP	345	OP	1.47 / 1.47	248.2 / 248.1	107.39	107.39	
		Single	345	Single	0.38 / 0.38	290.0 / 290.0	94.70	94.70	
		OP	345	OP	3.38 / 3.37	180.9 / 181.9	91.87	91.84	
		Single	345	Single	0.53 / 0.53	136.4 / 136.4	104.90	104.90	
		OP	345	OP	0.16 / 0.16	69.9 / 69.9	146.85	146.85	
		Base Case	345	Base Case	0.36 / 0.36	80.8 / 80.8	158.35	158.35	
		OP	345	OP	0.36 / 0.36	82.1 / 82.1	93.17	93.17	
		Single	345	Single	0.26 / 0.26	81.2 / 81.2	156.17	156.17	
		Base Case	345	Base Case	0.29 / 0.29	91.2 / 91.2	155.18	155.18	
316003 AC1-2222 COL 34.5 316002 AC1-2222 MAIN 115 1	DVP P1-1: G-10 IDOMTR10_SRT-A	Single	345	Single	0.15 / 0.15	34.4 / 34.4	104.08	104.08	
		OP	345	OP	0.29 / 0.29	91.0 / 91.0	95.50	95.50	
		Single	345	Single	0.38 / 0.38	61.7 / 61.6	116.30	116.38	
		OP	345	OP	0.38 / 0.38	64.4 / 64.4	153.33	153.33	
		Single	345	Single	0.2 / 0.2	46.0 / 46.6	106.24	106.24	
		OP	345	OP	0.38 / 0.38	68.2 / 68.2	94.06	94.06	
		Base Case	345	Base Case	0.2 / 0.2	63.3 / 63.3	150.67	150.67	
		OP	345	OP	1.87 / 1.87	322.7 / 322.7	119.92	119.92	
		Single	345	Single	0.33 / 0.33	24.0 / 24.0	91.00	91.00	
		Base Case	345	Base Case	0.38 / 0.38	20.1 / 20.1	140.18	140.18	
316004 AC1-158 COL 34.5 316003 AC1-158 MAIN 34.5 1	DVP P1-1: G-10 IDOMTR10_SRT-A	Single	345	Single	0.1 / 0.1	61.0 / 61.0	155.69	155.69	
		OP	345	OP	0.1 / 0.1	61.0 / 61.0	106.88	106.88	
		Single	345	Single	0.1 / 0.1	61.0 / 61.0	93.37	93.37	
		OP	345	OP	0.08 / 0.08	76.1 / 76.1	152.18	152.18	
		Single	345	Single	0.08 / 0.08	66.4 / 66.4	92.83	92.83	
		OP	345	OP	0.36 / 0.36	70.2 / 70.2	92.83	92.83	
		Single	345	Single	0.14 / 0.14	38.3 / 38.3	98.28	98.28	
		OP	345	OP	0.14 / 0.14	38.3 / 38.3	98.28	98.28	
		Single	345	Single	0.14 / 0.14	38.3 / 38.3	98.28	98.28	
		OP	345	OP	0.14 / 0.14	38.3 / 38.3	98.28	98.28	

Monitored Facility	Cont Name	ContType	Areas	OP Rule	LTF Impact (Max/Min)	AC Final Flow (Max/Min)	Scenario	Baseline (SUM)	Final AC %LD Proposed Containing the Project (SUM)	FG #
316195 AC1-042 COL 34.0 998744 AC1-042 MAIN 34.0 1	Base Case	OP	345	OP	0.14 / 0.14	41.8 / 41.8	94.95	94.95		
316197 AC1-042 C 0.39 316195 AC1-042 COL 34.0 1	Base Case	OP	345	OP	0.14 / 0.14	42.2 / 42.2	91.26	91.26		
316200 AC1-065 COL 34.5 998743 AC1-065 MAIN 34.5 1	Base Case	OP	345	OP	0.48 / 0.48	86.7 / 86.7	154.79	154.79		
	DVP_P1-1-G-AC1-065 E_SRT-A	Single	345	OP	0.25 / 0.25	58.2 / 58.2	100.43	100.43		
	Base Case	OP	345	OP	0.48 / 0.48	96.2 / 96.2	166.84	166.84		
	Base Case	OP	345	OP	0.25 / 0.25	58.3 / 58.3	160.56	160.56		
	Base Case	OP	345	OP	0.48 / 0.48	96.9 / 96.9	170.02	170.02		
	Base Case	OP	345	OP	0.25 / 0.25	56.9 / 56.9	100.06	100.06		
	Base Case	OP	345	OP	0.16 / 0.16	50.0 / 50.0	297.14	297.14		
	Base Case	OP	345	OP	0.43 / 0.43	86.4 / 86.4	230.24	230.24		
	DVP_P1-1-G-AC1-221 E_SRT-A	Single	345	OP	0.23 / 0.23	50.6 / 50.6	185.75	185.75		
	Base Case	OP	345	OP	0.23 / 0.23	50.6 / 50.6	185.75	185.75		
	Base Case	OP	345	OP	0.23 / 0.23	66.9 / 66.9	203.33	203.33		
	Base Case	OP	345	OP	0.43 / 0.43	86.7 / 86.7	158.06	158.06		
	Base Case	OP	345	OP	0.23 / 0.23	51.2 / 51.2	163.12	163.12		
	Base Case	OP	345	OP	0.23 / 0.23	51.2 / 51.2	163.12	163.12		
	Base Case	OP	345	OP	0.0 / 0.0	79.8 / 79.8	150.62	150.62		
	Base Case	OP	345	OP	0.0 / 0.0	100.8	100.8	100.8		
	Base Case	OP	345	OP	0.0 / 0.0	63.7 / 63.7	100.0	100.0		
	Base Case	OP	345	OP	0.39 / 0.39	76.4 / 76.4	146.33	146.33		
	Base Case	OP	345	OP	0.35 / 0.35	69.7 / 69.7	149.20	149.20		
	Base Case	OP	345	OP	0.18 / 0.18	41.1 / 41.1	102.73	102.73		
	Base Case	OP	345	OP	0.0 / 0.0	69.3 / 69.3	91.26	91.26		
	Base Case	OP	345	OP	0.0 / 0.0	76.6 / 76.6	159.20	159.20		
	Base Case	OP	345	OP	0.0 / 0.0	53.7 / 53.7	110.52	110.52		
	Base Case	OP	345	OP	0.0 / 0.0	80.4 / 80.4	91.40	91.40		
	Base Case	OP	345	OP	0.0 / 0.0	49.7 / 49.7	146.12	146.12		
	Base Case	OP	345	OP	0.39 / 0.39	61.7 / 61.7	186.88	186.88		
	Base Case	OP	345	OP	0.2 / 0.2	46.4 / 46.4	137.52	137.52		
	Base Case	OP	345	OP	0.39 / 0.39	66.4 / 66.4	109.72	109.72		
	Base Case	OP	345	OP	0.2 / 0.2	46.4 / 46.4	109.72	109.72		
	Base Case	OP	345	OP	0.39 / 0.39	66.4 / 66.4	109.72	109.72		
	Base Case	OP	345	OP	0.2 / 0.2	46.4 / 46.4	109.72	109.72		
	Base Case	OP	345	OP	0.39 / 0.39	63.3 / 63.3	115.43	115.43		
	Base Case	OP	345	OP	1.43 / 1.43	238.6 / 238.6	117.02	117.02		
	Base Case	OP	345	OP	1.43 / 1.43	241.1 / 241.1	91.33	91.33		
	Base Case	OP	345	OP	0.0 / 0.0	149.5 / 149.5	157.40	157.40		
	Base Case	OP	345	OP	0.0 / 0.0	105.8 / 105.8	111.41	111.41		
	Base Case	OP	345	OP	0.0 / 0.0	105.8 / 105.6	118.30	118.30		
	Base Case	OP	345	OP	0.0 / 0.0	105.8 / 105.6	118.52	118.52		
	Base Case	OP	345	OP	0.27 / 0.27	151.1 / 151.1	91.60	91.60		
	Base Case	OP	345	OP	0.42 / 0.42	84.4 / 84.4	140.67	140.67		
	Base Case	OP	345	OP	0.47 / 0.47	75.4 / 75.4	147.90	147.90		
	Base Case	OP	345	OP	0.22 / 0.22	52.7 / 52.7	103.39	103.39		
	Base Case	OP	345	OP	0.42 / 0.42	75.4 / 75.4	94.29	94.29		
	Base Case	OP	345	OP	0.42 / 0.42	82.5 / 82.5	144.67	144.67		
	Base Case	OP	345	OP	0.42 / 0.42	83.1 / 83.1	91.61	91.61		
	Base Case	OP	345	OP	35.29 / 35.29	747.0 / 747.0	93.29	93.29		
	Base Case	OP	345	OP	0.28 / 0.28	48.5 / 48.5	149.95	149.95		
	Base Case	OP	345	OP	0.15 / 0.15	32.6 / 32.6	96.67	96.67		
	Base Case	OP	345	OP	0.16 / 0.16	52.4 / 52.4	160.97	160.97		
	Base Case	OP	345	OP	0.56 / 0.56	98.7 / 98.7	145.55	145.55		
	Base Case	OP	345	OP	0.29 / 0.29	65.5 / 65.5	99.26	99.26		
	Base Case	OP	345	OP	0.28 / 0.28	54.1 / 54.1	125.71	125.71		
	Base Case	OP	345	OP	0.28 / 0.28	54.1 / 54.1	102.97	102.97		
	Base Case	OP	345	OP	0.46 / 0.46	96.9 / 96.9	138.34	138.34		
	Base Case	OP	345	OP	0.46 / 0.46	99.0 / 99.0	93.04	93.04		
	Base Case	OP	345	OP	0.37 / 0.37	150.0 / 150.0	149.99	149.99		
	Base Case	OP	345	OP	0.47 / 0.47	67.0 / 67.0	153.91	153.91		
	Base Case	OP	345	OP	0.19 / 0.19	43.4 / 43.4	98.70	98.70		
	Base Case	OP	345	OP	0.57 / 0.57	92.6 / 92.6	152.81	152.81		
	Base Case	OP	345	OP	0.3 / 0.3	68.1 / 68.1	103.23	103.23		
	Base Case	OP	345	OP	0.57 / 0.57	100.7 / 100.7	93.04	93.04		
	Base Case	OP	345	OP	0.64 / 0.64	130.1 / 130.1	155.01	155.01		
	Base Case	OP	345	OP	0.64 / 0.64	99.0 / 99.0	137.65	137.65		
	Base Case	OP	345	OP	0.35 / 0.35	56.0 / 56.0	130.15	130.15		
	Base Case	OP	345	OP	0.25 / 0.25	52.4 / 52.4	91.65	91.65		
	Base Case	OP	345	OP	0.25 / 0.25	54.9 / 54.9	137.23	137.23		
	Base Case	OP	345	OP	0.25 / 0.25	58.1 / 58.1	137.65	137.65		
	Base Case	OP	345	OP	0.25 / 0.25	103.6 / 103.6	103.56	103.56		
	Base Case	OP	345	OP	0.0 / 0.0	57.7 / 57.7	144.70	144.70		
	Base Case	OP	345	OP	0.25 / 0.25	67.9 / 67.9	151.24	151.24		
	Base Case	OP	345	OP	0.64 / 0.64	127.2 / 127.2	151.24	151.24		

Monitored Facility	Cont Name	Cont Type	Areas	OP Rule	LTF Impact (Max/Min)	AC Final Flow (Max/Min)	Scenario	Final AC %LD	
								Baseline (SUM)	Proposal Containing the Project (SUM)
989724 AE2-253 MAIN 34.5 316384 AE2-253 MAIN 230 1	Base Case	OP	345	Single	0.34/0.34	92.10	77.4/77.4	92.10	92.10
989725 AD1-082 MAIN 34.5 316377 AD1-082 MAIN 115 1	Base Case	OP	345	OP	0.57/0.57	152.77	92.8/97.8	152.77	152.77
989726 AC2-012 MAIN 34.5 316372 AC2-012 MAIN 115 1	Base Case	OP	345	Single	0.3/0.3	102.73	66.8/66.8	102.73	102.73
989727 AB2-100 MAIN 34.5 316361 AB2-100 MAIN 230 1	Base Case	OP	345	Single	0.37/0.37	156.00	43.9/43.9	156.00	156.00
989728 AB2-100 MAIN 34.5 316361 AB2-100 MAIN 230 1	Base Case	OP	345	Single	0.48/0.48	148.71/148.71	99.68	148.71	148.71
989729 AD2-059 COL 34.5 316356 AD2-059 MAIN 115 1	Base Case	OP	345	OP	0.28/0.28	97.3/97.3	90.6/90.6	97.3	97.3
989730 AD2-085 MAIN 34.0 316345 AD2-085 MAIN 115 1	Base Case	OP	345	OP	0.16/0.16	50.0/50.0	46.6/46.6	50.0	50.0
989731 AD2-160 MAIN 34.5 316343 AD2-160 MAIN 230 1	Base Case	OP	345	Single	0.28/0.28	150.20	98.61	150.20	150.20
989732 AE1-084 MAIN 34.5 316330 AE1-084 MAIN 115 1	Base Case	OP	345	OP	0.15/0.15	45.25	32.5/32.5	45.25	45.25
989733 AD2-079 MAIN 34.0 316324 AD2-079 MAIN 115 1	Base Case	OP	345	OP	0.42/0.42	125.27	78.8/77.8	125.27	125.27
989734 AC2-012 MAIN 34.5 316296 AC2-012 MAIN 115 1	Base Case	OP	345	Single	0.22/0.22	30.25	54.7/54.6	30.25	30.25
989735 AC2-112 MAIN 34.5 316286 AC2-112 MAIN 115 1	Base Case	OP	345	OP	0.27/0.27	84.7/84.7	84.7/84.7	84.7	84.7
989736 AC1-161 MAIN 34.5 316250 AC1-161 MAIN 500 1	DWP P1-1-G-EAC1-121 E SRT-A	OP	345	Single	0.0/0.0	158.52	148.7/148.7	158.52	158.52
989737 AD1-044 MAIN 34.0 316250 AD1-044 MAIN 115 1	Base Case	OP	345	Single	0.0/0.0	109.01	103.7/103.6	109.01	109.01
989738 AC1-206 MAIN 34.0 316250 AC1-206 MAIN 115 1	Base Case	OP	345	Single	0.0/0.0	113.97	103.7/103.6	113.97	113.97
989739 AC1-143 MAIN 34.0 316254 AC1-143 MAIN 115 1	Base Case	OP	345	Single	0.0/0.0	141.88	29.9/29.9	141.88	141.88
989740 AC1-034 MAIN 34.0 316250 AC1-034 MAIN 115 1	Base Case	OP	345	Single	0.0/0.0	80.1/80.1	41.3	80.1	80.1
989741 AC1-120 MAIN 34.5 316250 AC1-120 MAIN 115 1	Base Case	OP	345	Single	0.0/0.0	150.46	79.7/79.2	150.46	150.46
989742 AC1-034 MAIN 34.0 316250 AC1-034 MAIN 115 1	Base Case	OP	345	Single	0.35/0.35	140.93	59.6/59.6	140.93	140.93
989743 AC1-065 MAIN 34.5 316199 AC1-065 MAIN 115 1	Base Case	OP	345	Single	0.18/0.18	102.33	69.9/69.9	102.33	102.33
989744 AC1-042 MAIN 34.0 316194 AC1-042 MAIN 69.0 1	Base Case	OP	345	Single	0.38/0.38	146.26	76.6/76.6	146.26	146.26
989745 AB2-040 MAIN 34.5 316179 AB2-040 MAIN 115 1	Base Case	OP	345	Single	0.0/0.0	150.34	79.7/79.7	150.34	150.34
989746 AD1-033 MAIN 34.5 316172 AD1-033 MAIN 230 1	Base Case	OP	345	Single	0.0/0.0	99.98	53.0/53.0	99.98	99.98
989747 AC1-164 MAIN 34.5 316165 AC1-164 MAIN 230 1	Base Case	OP	345	Single	0.0/0.0	110.59	73.3/73.3	110.59	110.59
989748 AC1-075 CH 34.5 316150 AC1-075 CH 115 1	Base Case	OP	345	OP	0.48/0.48	66.7/66.7	66.1/66.1	66.7	66.7
989749 AB2-160 MAIN 34.5 316105 AB2-160 MAIN 115 1	Base Case	OP	345	Single	0.25/0.25	155.68	87.2/87.2	155.68	155.68
989750 JIVORY LANE 34.0 316085 JIVORY LANE 115 1	Base Case	OP	345	Single	0.48/0.48	100.27	86.2/86.2	100.27	100.27
989751 AB2-161 MAIN 34.5 316080 AB2-161 MAIN 115 1	Base Case	OP	345	Single	0.25/0.25	106.67	86.2/86.2	106.67	106.67
989752 AC1-158 MAIN 34.5 316057 AC1-158 MAIN 500 1	Base Case	OP	345	OP	0.14/0.14	94.70	41.7/41.7	94.70	94.70
989753 AC1-158 MAIN 34.5 316057 AC1-158 MAIN 500 1	Base Case	OP	345	OP	0.1/0.1	106.59	84.4/84.4	106.59	106.59
989754 AB2-169SOLA 34.5 316057 AB2-169SOLA 115 1	Base Case	OP	345	Single	0.36/0.36	142.70	70.4/70.4	142.70	142.70
989755 BATH SW/5 20.5 314901 BATH CO 500 1	Base Case	OP	345	OP	0.32/0.32	114.95	326.5/326.5	114.95	114.95
	Base Case	OP	345	OP	0.97/0.97	113.60	60.2/60.2	113.60	113.60
	Base Case	OP	345	OP	0.26/0.26	153.06	79.8/79.8	153.06	153.06
	Base Case	OP	345	OP	0.36/0.36	155.49	79.3/79.3	155.49	155.49
	Base Case	OP	345	OP	0.16/0.16	146.89	48.6/48.6	146.89	146.89
	Base Case	OP	345	OP	1.47/1.47	117.50	250.5/250.4	117.50	117.50
	Base Case	OP	345	OP	0.33/0.33	108.30	250.3/250.2	108.30	108.30
	Base Case	OP	345	OP	8.61/8.61	153.96	73.8/73.9	153.96	153.96
	Base Case	OP	345	Single	10.2/10.2	99.75	102.6/102.6	99.75	99.75
	Base Case	OP	345	Single	8.64/8.64	99.98	105.0/105.0	99.98	99.98
	Base Case	OP	345	Single	4.52/4.52	100.42	1049.4/1019.4	100.42	100.42
	Base Case	OP	345	Single	8.68/8.68	100.41	1049.3/1019.3	100.41	100.41
	Base Case	OP	345	Single	4.54/4.54	95.71	102.1/102.1	95.71	95.71
	Base Case	OP	345	Single	8.61/8.61	94.39	1019.4/1019.4	94.39	94.39
	Base Case	OP	345	Single	8.68/8.68	94.39	1019.4/1019.4	94.39	94.39
	Base Case	OP	345	Single	8.68/8.68	94.39	1019.4/1019.4	94.39	94.39
	Base Case	OP	345	Single	8.68/8.68	94.39	1019.4/1019.4	94.39	94.39
	Base Case	OP	345	Single	8.68/8.68	94.39	1019.4/1019.4	94.39	94.39
	Base Case	OP	345	Single	8.68/8.68	94.39	1019.4/1019.4	94.39	94.39
	Base Case	OP	345	Single	8.59/8.59	95.50	1009.7/1009.8	95.50	95.50
	Base Case	OP	345	Single	8.59/8.59	95.50	1002.7/1010.2	95.50	95.50
	Base Case	OP	345	Single	8.54/8.54	95.06	1005.1/1005.1	95.06	95.06
	Base Case	OP	345	Single	4.27/4.27	93.61	1011.0/1010.9	93.61	93.61
	Base Case	OP	345	Single	8.62/8.62	99.97	1023.9/1013.9	99.97	99.97
	Base Case	OP	345	Single	4.52/4.52	99.98	1023.8/1013.8	99.98	99.98
	Base Case	OP	345	Single	8.61/8.61	99.75	102.6/102.6	99.75	99.75
	Base Case	OP	345	Single	4.51/4.51	99.74	102.6/102.6	99.74	99.74
	Base Case	OP	345	Single	8.59/8.59	93.60	1026.7/1011.8	93.60	93.60
	Base Case	OP	345	Single	8.61/8.61	99.75	1021.7/1011.7	99.75	99.75
	Base Case	OP	345	Single	4.31/4.31	93.41	102.6/102.6	93.41	93.41
	Base Case	OP	345	Single	8.59/8.59	93.46	1024.0/1011.9	93.46	93.46
	Base Case	OP	345	Single	8.59/8.59	93.53	1022.1/1012.2	93.53	93.53
	Base Case	OP	345	Single	9.6/9.6	93.66	1013.1/1011.9	93.66	93.66
	Base Case	OP	345	Single	8.62/8.62	99.93	1033.5/1013.4	99.93	99.93
	Base Case	OP	345	Single	4.51/4.51	99.82	102.6/102.6	99.82	99.82
	Base Case	OP	345	Single	8.66/8.66	100.26	102.6/102.6	100.26	100.26
	Base Case	OP	345	Single	4.53/4.53	93.57	1010.6/1010.5	93.57	93.57
	Base Case	OP	345	Single	8.59/8.59	93.57	1010.6/1010.5	93.57	93.57
	Base Case	OP	345	Single	8.66/8.66	94.24	1017.8/1017.8	94.24	94.24

Monitored Facility	Cont Name	ContType	Areas	OP Rule	LTF Impact (Max/Min)	Scenario	Final A/C %LD	
							Baseline (SUM)	Proposal Containing the Project (SUM)
988757 BATH SW1 20.5 314601.8BATH CO 500 1	AEP P4 #832 051FERSO 765 B1 SRT-A	Breaker	345	Below OP	8.66/8.66	1072.8/1017.8	94.24	94.24
	AEP P4 #848 051FERSO 765 B SRT-A	Breaker	345	Below OP	8.66/8.66	1072.8/1017.8	94.24	94.24
	AEP P4 #838 08ROCKPT 765 C SRT-A	Breaker	345	Below OP	8.66/8.66	1072.8/1017.8	94.24	94.24
	AEP P5 #11280 08ROCK 68ROCK SRT-A	Breaker	345	Below OP	8.66/8.66	1072.8/1017.8	94.24	94.24
	AEP P7-1 #10945 SRT-A	Tower	345	Below OP	8.57/8.57	1008.3/1008.2	93.36	93.36
	AEP P2-2 WP-500-DRT14 SRT-SL	Bus	345	Below OP	8.57/8.57	1008.3/1008.2	93.36	93.36
	Base Case	OP	345	Single	8.52/8.46	1008.6/1003.6	92.93	92.93
	COMED P7-1 345-L2912 B.S. * 345-L2913 R.S. SRT-A	Tower	345	Below OP	8.59/8.58	1008.4/1009.4	93.47	93.47
	DVP P1-1-G-W14A1-098 C SRT-A	OP	345	OP	8.61/8.61	1022.4/1012.4	99.72	99.72
	PECO P1-2 5034 SRT-A1* CHESCO \$ PECO P1-2 5034 \$ L	OP	345	Single	8.59/8.59	1011.7/1011.1	99.60	99.60
	PECO P7-1 220-0607 SRT-A1* CHESCO \$ PECO P7-1 220-0607 \$ DCT	Tower	345	Below OP	8.59/8.58	1008.4/1008.3	93.46	93.46
	PECO P7-1 220-0609 SRT-A1* BUCKS \$ PECO P7-1 220-0609 \$ DCT	Tower	345	Below OP	8.59/8.59	1003.3/1010.3	93.35	93.35
	PL 02 P12 001029 SRT-A	OP	345	OP	8.59/8.59	1012.7/1011.2	99.60	99.60
	PL 08 P22 102799 SRT-A	Bus	345	Single	4.5/4.5	1011.7/1011.1	99.50	99.50
	PL 08 P22 102801 SRT-A	Bus	345	Below OP	8.59/8.58	1009.5/1009.5	93.47	93.47
	PL 11 P22 000176 SRT-A	Bus	345	Below OP	8.57/8.57	1008.3/1008.9	93.46	93.46
	PL 48 P7-1 102649 SRT-A	Tower	345	Below OP	8.59/8.59	1008.4/1010.4	93.36	93.36
	AEP P1-2 #17248 SRT-A	OP	345	Single	8.57/8.57	1022.7/1012.7	99.72	99.72
	AEP P1-2 #863 1862 SRT-A	Single	345	Single	8.57/8.57	1012.1/1012.8	100.16	100.16
	AEP P2-2 #6188 05HANG F 765 1 SRT-A	Single	345	Single	4.5/4.5	1017.0/1017.0	100.12	100.12
AEP P4 #802 08ROCKPT 765 C SRT-A	Breaker	345	Below OP	8.59/8.59	1008.9/1009.8	93.50	93.50	
AEP P4 #835 051FERSO 765 B1 SRT-A	Breaker	345	Below OP	8.65/8.65	1072.1/1017.0	94.17	94.17	
AEP P4 #848 051FERSO 765 B SRT-A	Breaker	345	Below OP	8.65/8.65	1072.1/1017.0	94.17	94.17	
AEP P4 #838 08ROCKPT 765 C SRT-A	Breaker	345	Below OP	8.65/8.65	1072.1/1017.0	94.17	94.17	
AEP P5 #11280 08ROCK 68ROCK SRT-A	Breaker	345	Below OP	8.65/8.65	1066.7/1016.7	94.14	94.14	
AEP P7-1 #10945 SRT-A	Tower	345	Below OP	8.56/8.56	1007.2/1007.4	93.36	93.36	
AP P2-2 WP-500-DRT14 SRT-SL	OP	345	OP	8.57/8.57	1008.2/1008.1	93.36	93.36	
Base Case	OP	345	Single	8.52/8.52	1003.1/1003.0	92.67	92.67	
COMED P7-1 345-L2912 B.S. * 345-L2913 R.S. SRT-A	Tower	345	Below OP	8.57/8.57	1008.6/1008.6	93.39	93.39	
DVP P1-1-G-W14A1-098 C SRT-A	OP	345	OP	8.6/8.6	1014.8/1011.8	99.67	99.67	
PECO P1-2 5034 SRT-A1* CHESCO \$ PECO P1-2 5034 \$ L	OP	345	Single	4.5/4.5	1011.7/1011.7	99.66	99.66	
PECO P7-1 220-0607 SRT-A1* CHESCO \$ PECO P7-1 220-0607 \$ DCT	Single	345	Single	8.59/8.59	1000.6/1010.6	99.54	99.54	
PECO P7-1 220-0609 SRT-A1* BUCKS \$ PECO P7-1 220-0609 \$ DCT	Tower	345	Below OP	8.57/8.57	1008.8/1008.8	93.41	93.41	
PL 02 P12 001029 SRT-A	OP	345	OP	8.59/8.59	1000.6/1010.6	99.55	99.55	
PL 08 P22 102799 SRT-A	Bus	345	Single	4.5/4.5	1000.6/1010.6	99.54	99.54	
PL 08 P22 102801 SRT-A	Bus	345	Below OP	8.57/8.57	1008.8/1008.9	93.42	93.42	
PL 11 P22 000176 SRT-A	Bus	345	Below OP	8.57/8.57	1008.4/1008.3	93.37	93.37	
PL 48 P7-1 102649 SRT-A	Tower	345	Below OP	8.59/8.58	1008.8/1009.8	93.50	93.50	
Base Case	OP	345	OP	0.47/0.47	79.5/79.5	147.95	147.95	
DVP P1-1-G-W14A1-098 C SRT-A	OP	345	OP	0.08/0.08	56.4/56.4	104.89	104.89	
PECO P1-1-G-W14A1-098 C SRT-A	OP	345	OP	0.08/0.08	77.0/77.0	154.08	154.08	
PECO P1-1-G-W14A1-098 C SRT-A	OP	345	OP	0.08/0.08	67.2/67.2	106.60	106.60	

Monitored Facility	Areas	Scenario	Final AC %Loading		FG #
			Baseline (LL)	Proposal Containing the Project (LL)	
272352 RIDGELAND; B 138 272354 RIDGELAND; BS 138 1 1	222	Cont Name	98.71	98.70	
		Base Case	91.40	91.40	
		COMED_P1-2_138-L1321_G-C_SRT-A	91.74	91.74	
		COMED_P1-2_138-L1980IGR-C_SRT-A	101.60	101.60	
		COMED_P1-2_138-L3705_GB-C_SRT-A	98.75	98.75	
		COMED_P1-2_138-L3710_GRC_SRT-A	91.90	91.91	
		COMED_P1-2_138-L4607_GB-C_SRT-A	94.94	94.94	
		COMED_P4_037-38-B1726_SRT-A	97.96	97.97	
		COMED_P4_078-38-B11-2_SRT-A	96.09	96.10	
		COMED_P4_078-38-B11-5_SRT-A	93.46	93.46	
		COMED_P4_078-38-B13-4_SRT-A	93.43	93.43	
		COMED_P4_078-38-B13-5_SRT-A	91.52	91.51	
		COMED_P7-1_138-L1306_B-C_+ 138-L1315_GRC-SRT-A	90.03	90.04	
		Base Case			
		DVP_P1-2_LN 9345_SRT-A	91.25	91.25	
		DVP_P1-3_8WSHNGSTAR-TX#1_SRT-A	90.37	90.37	
		DVP_P1-2_LN 9349_SRT-A	98.35	97.83	
		DVP_P4-2_2095T9349_SRT-A	92.09		
		DVP_P1-2_LN 202_SRT-A	93.30	94.03	
		DVP_P1-2_LN 274_SRT-A	90.12	90.03	
DVP_P1-2_LN 227_SRT-A	91.55	92.28			
DVP_P1-2_LN 274_SRT-L	101.48	95.94	2022W3-N1-L1T121		
DVP_P4-2_250T258_SRT-A	101.48	95.94	2022W3-N1-L1T122		
DVP_P7-1_LN 250-258_SRT-A	111.18	105.26			
DVP_P7-1_LN 250-258_SRT-A	111.18	105.26			
200038 SUSQ 2 24.0_SRT-L	92.35	92.38			
208918 SUSQ 1 24.0_SRT-L	92.35	92.38			
243441 05CKG2 26.0_SRT-L	92.34	92.36			
AEP_P1-1_#4852_05COOK 765_2_SRT-A	92.35	92.38			
ATSI_P1-1_CEF-345-711_SRT-A	92.45	92.48			
Base Case	91.16	91.20			
COMED_P1-1_BR-1U_S_SRT-A	92.33	92.35			
COMED_P1-1_BR-2U_S_SRT-A	92.30	92.32			
COMED_P1-1_BY-1U_R_SRT-A	92.31	92.33			
COMED_P1-1_BY-2U_R_SRT-A	92.28	92.31			
COMED_P1-1_LA-2U_S_SRT-A	92.28	92.30			
DVP_P1-1_G-1_IN_ANN1_SRT-A	92.27	92.30			
DVP_P1-1_G-2_IN_ANN2_SRT-A	92.27	92.30			
DVP_P1-2_LN 509_SRT-A	92.61	92.71			
DVP_P1-2_LN 596_SRT-A	92.94	92.99			
DVP_P1-3_8NO ANNA-GSU-1_SRT-A	92.27	92.30			
DVP_P1-3_8NO ANNA-GSU-2_SRT-A	92.27	92.30			
DVP_P1-3_BATH_3W1_SRT-A	90.10	90.12			
DVP_P1-3_BATH_3W3_SRT-A	90.10	90.12			
DVP_P1-3_BATH_3W5_SRT-A	90.10	90.12			
PECO_P1-1_LIMER-U2_SRT-A/* \$ MONTCO \$ PECO_P1-1_LIMER-U2 \$ U					
PECO_P1-1_PEACH-U2_SRT-A/* \$ CHESCO \$ PECO_P1-1_PEACH-U2 \$ U	92.39	92.42			
PECO_P1-1_PEACH-U3_SRT-A/* \$ CHESCO \$ PECO_P1-1_PEACH-U3 \$ U	92.41	92.44			
PECO_P1-3_LIMER-GSU2_SRT-A/* \$ MONTCO \$ PECO_P1-3_LIMER-GSU2 \$ T	92.23	92.23			
PECO_P1-3_PEACH-GSU2_SRT-A/* \$ CHESCO \$ PECO_P1-3_PEACH-GSU2 \$ T	92.39	92.43			
PECO_P1-3_PEACH-GSU3_SRT-A/* \$ CHESCO \$ PECO_P1-3_PEACH-GSU3 \$ T	92.41	92.44			
PJM500_PS_P1-1_HOPC_G1_SRT-A	92.29	92.32			
PJM500_PS_P1-1_SALM_G1_SRT-A	92.26	92.29			
PJM500_PS_P1-2_GEN1-GSA_SRT-A	92.26	92.29			
PJM500_PS_P1-2_GEN2-GSA-LL_SRT-L	92.25	92.28			
PJM500_PS_P1-2_GEN2-GSA_SRT-A	92.25	92.28			
PJM500_PS_P1-2_GHC-GSA-SUM_SRT-A	92.29	92.32			
PL_08_P11_001446_SRT-A	92.30	92.33			

Monitored Facility	Areas	Scenario	Cont Name	Final AC %Loading		FG #
				Baseline (LL)	Proposal Containing the Project (LL)	
3146866CLOVER 230 315154 1CLOVER2 24.0 1 1	345	PL_08_P11_001447_SRT-A		92.30	92.33	
		PL_48_P11_000840_SRT-A		92.35	92.38	
		PL_48_P12_000189_SRT-A		92.35	92.38	
		200038_SUSQ_2.24.0_SRT-L		91.49	91.53	
		208918_SUSQ_1.24.0_SRT-L		91.48	91.53	
		243441_05CKG2_26.0_SRT-L		91.48	91.51	
		AEP_P1-1_#4852_05COOK_765.2_SRT-A		91.50	91.52	
		AEP_P1-2_#7422_16_SRT-A		92.49	92.74	
		ATSI_P1-1_CEI-345-711_SRT-A		91.60	91.63	
		Base Case		90.32	90.35	
		COMED_P1-1_BR-1U -S_SRT-A		91.47	91.50	
		COMED_P1-1_BR-2U -S_SRT-A		91.44	91.47	
		COMED_P1-1_BY-1U -R_SRT-A		91.45	91.48	
		COMED_P1-1_BY-2U -R_SRT-A		91.43	91.45	
		COMED_P1-1_LA-2U -S_SRT-A		91.42	91.45	
		DVP_P1-1:G-1:IN_ANNAA1_SRT-A		91.42	91.45	
		DVP_P1-1:G-2:IN_ANNAA2_SRT-A		91.42	91.45	
		DVP_P1-2:LN_2256_SRT-A		91.91	92.08	
		DVP_P1-2:LN_2281_SRT-A		91.90	92.07	
		DVP_P1-2:LN_509_SRT-A		91.75	91.86	
		DVP_P1-2:LN_570_SRT-A		91.40	91.81	
		DVP_P1-2:LN_596_SRT-A		92.08	92.13	
		DVP_P1-3:8NO_ANNAA-GSU-1_SRT-A		91.42	91.45	
		DVP_P1-3:8NO_ANNAA-GSU-2_SRT-A		91.42	91.45	
		DVP_P4-2:5091570_SRT-A		90.18	90.17	
		PECO_P1-1_LIMER-U2_SRT-A/* \$ MONTICO \$ PECO_P1-1_LIMER-U2 \$ U			91.41	
		PECO_P1-1_PEACH-U2_SRT-A/* \$ CHESCO \$ PECO_P1-1_PEACH-U2 \$ U		91.54	91.57	
		PECO_P1-1_PEACH-U3_SRT-A/* \$ CHESCO \$ PECO_P1-1_PEACH-U3 \$ U		91.56	91.59	
		PECO_P1-3_LIMER-GSU2_SRT-A/* \$ MONTICO \$ PECO_P1-3_LIMER-GSU2 \$ T		91.38	91.57	
		PECO_P1-3_PEACH-GSU2_SRT-A/* \$ CHESCO \$ PECO_P1-3_PEACH-GSU2 \$ T		91.54	91.57	
		PECO_P1-3_PEACH-GSU3_SRT-A/* \$ CHESCO \$ PECO_P1-3_PEACH-GSU3 \$ T		91.56	91.59	
		PJM500_PS_P1-1_HOPC_G1_SRT-A		91.43	91.47	
		PJM500_PS_P1-1_SALM_G1_SRT-A		91.40	91.43	
PJM500_PS_P1-2_GEN1-GSA_SRT-A		91.40	91.44			
PJM500_PS_P1-2_GEN2-GSA-LL_SRT-L		91.40	91.43			
PJM500_PS_P1-2_GEN2-GSA_SRT-A		91.40	91.43			
PJM500_PS_P1-2_GHC-GSA-SUM_SRT-A		91.44	91.47			
PL_08_P11_001446_SRT-A		91.45	91.48			
PL_08_P11_001447_SRT-A		91.45	91.48			
PL_48_P11_000840_SRT-A		91.50	91.53			
PL_48_P12_000189_SRT-A		91.49	91.53			
Base Case		95.77	95.84			
Base Case		95.77	95.77			
Base Case		95.70	95.70			
200038_SUSQ_2.24.0_SRT-L		90.72	90.72			
208918_SUSQ_1.24.0_SRT-L		90.72	90.72			
242894_05MTG1_26.0_SRT-L		90.25	90.25			
243186_05GV/G1_26.0_SRT-L		90.25	90.25			
243187_05GV/G2_26.0_SRT-L		90.25	90.25			
243440_05CKG1_26.0_SRT-L		90.35	90.35			
243441_05CKG2_26.0_SRT-L		90.37	90.37			
253900_15BVRV/L1_22.0_SRT-L		90.54	90.54			
253901_15BVRV/L2_22.0_SRT-L		90.54	90.54			
315251_1M1_STM1_22.0_SRT-L		90.23	90.23			
315252_1M1_STM2_22.0_SRT-L		90.24	90.24			
AEP_P1-1_#4838_05GAVIN_765.2_SRT-A		90.25	90.25			
AEP_P1-1_#4851_05COOK_345.1_SRT-A		90.36	90.36			
AEP_P1-1_#4852_05COOK_765.2_SRT-A		90.37	90.37			

Monitored Facility	Areas	Scenario	Cont Name	Scenario	Final AC %Loading	
					Baseline (LL)	Proposal Containing the Project (LL)
						FG #
3149428FLUVANNAEAS 500 315216 1CUNINGA 18.0 1 1	345	AEP_P1-1_#4959_05GAVIN765_1_SRT-A			90.26	
		AEP_P1-1_#4960_05MOUNTN765_1_SRT-A			90.25	
		AEP_P1-2_#10135_SRT-A			90.24	
		AEP_P1-2_#17218_SRT-A			90.33	
		ATSI_P1-1_CEI-345-711_SRT-A			90.86	
		ATSI_P1-1_1E-345-601_SRT-A			90.54	
		BG_P1_BRANDON1_SRT-A			90.24	
		BG_P1_BRANDON2_SRT-A			90.24	
		DLC_P11_GEN-15BRV11_SRT-A			90.55	
		DLC_P11_GEN-15BRV12_SRT-A			90.55	
		DVP_P1-1:G-2_IN_ANNAN2_SRT-A			90.59	90.59
		DVP_P1-1:G-3:1MT_STM3_SRT-A			90.21	
		DVP_P1-3:8MT_STM-GSU-2_SRT-A			90.23	
		DVP_P1-3:8MT_STM-GSU-3_SRT-A			90.21	
		DVP_P1-3:8MT_STORM2-GSU-1_SRT-A			90.23	
		DVP_P1-3:8NO_ANNAN-GSU-2_SRT-A			90.59	90.59
		DVP_P1-4:6BELMONT_6X4-039GAS_1_SRT-A			90.35	90.35
		EXT_256002_18CAMPBL_345258952_CAMPBELL_345_1_SRT-L			90.20	
		EXT_256019_18PALISD_345256368_18PALISDG_345Z1_SRT-L			90.19	
		PECO_P1-1_LIMER-U2_SRT-A/* \$ MONICO \$ PECO_P1-1_LIMER-U2 \$ U			90.62	
		PECO_P1-1_PEACH-U2_SRT-A/* \$ CHESCO \$ PECO_P1-1_PEACH-U2 \$ U			90.75	
		PECO_P1-1_PEACH-U3_SRT-A/* \$ CHESCO \$ PECO_P1-1_PEACH-U3 \$ U			90.76	
		PECO_P1-3_PEACH-GSU2_SRT-A/* \$ CHESCO \$ PECO_P1-3_PEACH-GSU2 \$ T			90.75	
		PECO_P1-3_PEACH-GSU3_SRT-A/* \$ CHESCO \$ PECO_P1-3_PEACH-GSU3 \$ T			90.76	
		PJM500_PS_P1-1_HOPC_G1_SRT-A			90.66	
		PJM500_PS_P1-1_SALM_G1_SRT-A			90.64	
		PJM500_PS_P1-1_SALM_G2_SRT-A			90.63	
		PJM500_PS_P1-2_GEN1-GSA_SRT-A			90.64	
		PJM500_PS_P1-2_GEN2-GSA_SRT-A			90.63	
		PJM500_PS_P1-2_GHC-GSA-SUMI_SRT-A			90.66	
		PJM_500_BG_P1_CCLEFG1_SRT-A			90.42	
		PJM_500_BG_P1_CCLEFG2_SRT-A			90.40	
		PL_40_P11_001448_SRT-A			90.66	
		PL_40_P11_001449_SRT-A			90.66	
PL_48_P11_000840_SRT-A			90.72			
PL_48_P12_000189_SRT-A			90.72			
PN_P1-1_DRT-500-001-DRT_SRT-A			90.51			
PN_P1-1_DRT-500-002-DRT_SRT-SL			90.51			
PN_P1-1_DRT-500-005-DRT_SRT-A			90.51			
PN_P1-1_PN-500-003_SRT-A			90.51			
PN_P1-1_PN-500-004_SRT-A			90.51			
DVP_P1-2:LN_547_SRT-L			95.81	95.80		
DVP_P4-2:54702_SRT-L			90.06	90.06		
DVP_P4-2:548T549_SRT-L			90.07	90.06		
AEP_P1-2_#311_5_SRT-A			97.78	98.46		
AEP_P1-2_#7422_16_SRT-A			101.60	102.16		
AEP_P4_#11123_05CLOVRD_765_CC_SRT-A			91.92	92.55		
AEP_P4_#2914_05J_FERR_765_B2_SRT-A			91.94	92.45		
AEP_P4_#311_05CLOVRD_765_CC2_SRT-A			91.92	92.55		
AEP_P4_#7422_05CLOVRD_500_EE2_SRT-A			95.51	96.03		
AEP_P4_#7587_05J_FERR_765_B_SRT-A			91.97	92.61		
AP_P1-2_PE-500-001_SRT-SL			97.22			
AP_P1-2_WP-500-DRT17_SRT-SL			97.22			
AP_P2-3_PE-500-015_SRT-A			91.43			
AP_P2-3_PE-500-016_SRT-SL			91.44			
AP_P2-3_PE-500-018C_SRT-SL			91.38			
Base Case			127.42	127.63		
DVP_P1-1:G-1_IN_ANNAN1_SRT-A			98.11	98.26		

Monitored Facility	Areas	Scenario	Cont Name	Final AC %Loading		FG#
				Baseline (LL)	Proposal Containing the Project (LL)	
		DVP P1-1: G-2 IN ANNA2 SRT-A		97.96	98.11	
		DVP P1-1: G-2 13SURRY 2 SRT-A		97.95	98.29	
		DVP P1-1: G-02 IZ1-086 GT2 SRT-A		97.36	97.82	
		DVP P1-1: G-51 IZ1-086 ST SRT-A			97.39	
		DVP P1-2: LN 503 SRT-A		93.82		
		DVP P1-2: LN 511 SRT-L		103.95	103.93	
		DVP P1-2: LN 591 SRT-L		99.71	100.20	
		DVP P1-3: 8NO ANNA-GSU-1 SRT-A		98.14	98.29	
		DVP P1-3: 8NO ANNA-GSU-2 SRT-A		97.99	98.15	
		DVP P1-3: 8SURRY-GSU-2 SRT-A		97.97	98.31	
		DVP P4-1: G102-1 SRT-L		92.25	92.39	
		DVP P4-1: G102-2 SRT-L		92.25	92.39	
		DVP P4-1: G102 SRT-A		91.42	91.72	
		DVP P4-1: G202 SRT-L		92.10	92.25	
		DVP P4-1: SURRY G202 SRT-L		92.09	92.41	
		DVP P4-2: 20112 SRT-A			91.54	
		DVP P4-2: 51172 SRT-L		97.70	97.71	
		DVP P4-2: 51192 SRT-L		97.71	97.70	
		DVP P4-2: 511T544 SRT-L		97.71	97.71	
		DVP P4-2: 511T587 SRT-L		97.56	97.71	
		DVP P4-2: 547T566 SRT-A		95.65	96.14	
		DVP P4-2: 55692 SRT-L		92.97	93.56	
		DVP P4-2: 56602 SRT-A		95.50	96.03	
		DVP P4-2: 587T591 SRT-L		94.83	95.42	
		DVP P4-2: 591921 SRT-L		94.27	94.78	
		DVP P4-2: 591922 SRT-L		94.27	94.78	
		DVP P4-2: XT591 SRT-L		93.73	94.19	
		PECO P1-1 LIMER-U2 SRT-A/* \$ MONTCO \$ PECO P1-1 LIMER-U2 \$ U			97.42	
		PECO P1-1 PEACH-U2 SRT-A/* \$ CHESCO \$ PECO P1-1 PEACH-U2 \$ U		97.51	97.65	
		PECO P1-1 PEACH-U3 SRT-A/* \$ CHESCO \$ PECO P1-1 PEACH-U3 \$ U		97.54	97.68	
		PECO P1-3 LIMER-GSU2 SRT-A/* \$ MONTCO \$ PECO P1-3 LIMER-GSU2 \$ T		97.24		
		PECO P1-3 PEACH-GSU2 SRT-A/* \$ CHESCO \$ PECO P1-3 PEACH-GSU2 \$ T		97.54	97.68	
		PECO P1-3 PEACH-GSU3 SRT-A/* \$ CHESCO \$ PECO P1-3 PEACH-GSU3 \$ T		97.57	97.70	
		PECO P4 LIMER235 SRT-A/* \$ MONTCO \$ PECO P4 LIMER235 \$ STBK			91.58	
		PECO P4 PEACH015 SRT-A/* \$ CHESCO \$ PECO P4 PEACH015 \$ STBK		91.69	91.82	
		PECO P4 PEACH065 SRT-A/* \$ CHESCO \$ PECO P4 PEACH065 \$ STBK		91.66	91.80	
		PECO P4 PEACH215 SRT-A/* \$ CHESCO \$ PECO P4 PEACH215 \$ STBK		91.65	91.78	
		PECO P4 PEACH225 SRT-A/* \$ CHESCO \$ PECO P4 PEACH225 \$ STBK		91.66	91.80	
		PJM500 PS P1-1 HOPC G1 SRT-A		97.32	97.48	
		PJM500 PS P1-1 SALM G1 SRT-A		97.27	97.44	
		PJM500 PS P1-2 GEN1-GSA SRT-A		97.29	97.45	
		PJM500 PS P1-2 GEN2-GSA-LL SRT-L		97.28	97.44	
		PJM500 PS P1-2 GEN2-GSA SRT-A		97.28	97.44	
		PJM500 PS P1-2 GHC-GSA-SUM SRT-A		97.34	97.50	
		PJM500 PS P2-3 HOPC 2-6D SRT-L		91.51	91.66	
		PJM500 PS P2-3 HOPC 2-6 SRT-A		91.51	91.66	
		PJM500 PS P2-3 HOPC 5-6 SRT-A		91.50	91.65	
		PJM500 PS P2-3 SALM 1-5 SRT-A		91.45	91.61	
		PJM500 PS P2-3 SALM 1-9-LL SRT-L			91.60	
		PJM500 PS P2-3 SALM 1-9 SRT-A			91.60	
		PJM500 PS P2-3 SALM 5-6 SRT-A		91.45	91.60	
		PL 08 P11 000793 SRT-A		97.41	97.58	
		PL 08 P11 001446 SRT-A		97.41	97.58	
		PL 08 P11 001447 SRT-A		97.41	97.58	
		PL 08 P41 101296 SRT-A		91.57	91.72	
		PL 08 P41 101297 SRT-A		91.58	91.73	
		PL 10 P41 100568 SRT-A		91.36		
		PL 10 P41 100567 SRT-A			91.61	

Monitored Facility	Areas	Scenario	Final AC %Loading		FG #
			Baseline (LL)	Proposal Containing the Project (LL)	
314947 8GREENSVILLE 500 315242 1Z-086 GT2 20.0 1 1	345	Cont Name			
		PL_40_P11_001448_SRT-A	97.41	97.57	97.57
		PL_40_P11_001449_SRT-A	97.41	97.57	97.57
		PL_48_P12_000189_SRT-A	97.33	97.54	97.54
		PL_48_P41_102622_SRT-A	91.49	91.69	91.69
		PL_48_P42_000438_SRT-A	91.49	91.69	91.69
		PL_48_P42_100926_SRT-A	91.49	91.69	91.69
		PL_48_P71_102649_SRT-A	91.49	91.69	91.69
		PN_P2-3_PN-500-997-DRT-073_SRT-SL	91.42	91.53	91.53
		WAKE500_CB31_SRT-L		94.24	94.24
		AEP_P1-2_#311_5_SRT-A	97.76	98.43	98.43
		AEP_P1-2_#7422_16_SRT-A	101.58	102.14	102.14
		AEP_P4_#11123_05CLOVRD_765_CC_SRT-A	91.89	92.53	92.53
		AEP_P4_#2914_05I.FERR_765_B2_SRT-A	91.92	92.43	92.43
		AEP_P4_#311_05CLOVRD_765_CC2_SRT-A	91.89	92.53	92.53
		AEP_P4_#7422_05CLOVRD_500_FE2_SRT-A	95.48	96.01	96.01
		AEP_P4_#7587_05J.FERR_765_B_SRT-A	91.94	92.58	92.58
		AP_P1-2_PE-500-001_SRT-SL	97.19		
		AP_P1-2_WP-500-DRT17_SRT-SL	97.19		
		AP_P2-3_PE-500-015_SRT-A	91.40		
		AP_P2-3_PE-500-016_SRT-SL	91.41		
		AP_P2-3_PE-500-018C_SRT-SL	91.36		
		Base Case			
		DVP_P1-1:G-1:LN_ANN1_SRT-A	127.39	127.80	127.80
		DVP_P1-1:G-2:LN_ANN2_SRT-A	98.09	98.24	98.24
		DVP_P1-1:G-2:ISURRY_2_SRT-A	97.93	98.09	98.09
		DVP_P1-1:G-51:1Z1-086_ST_SRT-A	97.93	98.26	98.26
		DVP_P1-2:LN_503_SRT-A	93.80	93.95	93.95
		DVP_P1-2:LN_511_SRT-L	103.93	103.91	103.91
		DVP_P1-2:LN_570_SRT-A	93.15		
		DVP_P1-2:LN_591_SRT-L	99.68		
		DVP_P1-3:8NO_ANN1-GSU-1_SRT-A	98.11	98.26	98.26
		DVP_P1-3:8NO_ANN2-GSU-1_SRT-A	97.96	98.12	98.12
		DVP_P1-3:8SURRY-GSU-2_SRT-A	97.95	98.29	98.29
		DVP_P4-1:G102-1_SRT-L	92.22	92.37	92.37
		DVP_P4-1:G102-2_SRT-L	92.22	92.37	92.37
		DVP_P4-1:G102_SRT-A	91.40	91.69	91.69
		DVP_P4-1:G202_SRT-L	92.08	92.23	92.23
		DVP_P4-1:SURRY_G202_SRT-L	92.07	92.39	92.39
		DVP_P4-2:20112_SRT-A		91.52	91.52
		DVP_P4-2:51172_SRT-L	97.67	97.69	97.69
		DVP_P4-2:51182_SRT-L	97.69	97.68	97.68
		DVP_P4-2:5111544_SRT-L	97.69	97.69	97.69
		DVP_P4-2:5111587_SRT-L	97.54	97.69	97.69
		DVP_P4-2:5477566_SRT-A	95.63	96.11	96.11
DVP_P4-2:55692_SRT-L	92.95	93.53	93.53		
DVP_P4-2:56602_SRT-A	95.48	96.01	96.01		
DVP_P4-2:5877591_SRT-L	94.81	95.40	95.40		
DVP_P4-2:591921_SRT-L	94.24	94.76	94.76		
DVP_P4-2:591922_SRT-L	94.24	94.76	94.76		
DVP_P4-2:XT591_SRT-L	93.70	94.16	94.16		
PECO_P1-1_LIMER-U2_SRT-A/* \$ MONICO \$ PECO_P1-1_LIMER-U2 \$ U		97.40	97.40		
PECO_P1-1_PEACH-U2_SRT-A/* \$ CHESCO \$ PECO_P1-1_PEACH-U2 \$ U	97.49	97.63	97.63		
PECO_P1-1_PEACH-U3_SRT-A/* \$ CHESCO \$ PECO_P1-1_PEACH-U3 \$ U	97.52	97.65	97.65		
PECO_P1-3_LIMER-GSU2_SRT-A/* \$ MONICO \$ PECO_P1-3_LIMER-GSU2 \$ T	97.21				
PECO_P1-3_PEACH-GSU2_SRT-A/* \$ CHESCO \$ PECO_P1-3_PEACH-GSU2 \$ T	97.51	97.65	97.65		
PECO_P1-3_PEACH-GSU3_SRT-A/* \$ CHESCO \$ PECO_P1-3_PEACH-GSU3 \$ T	97.54	97.68	97.68		
PECO_P4_LIMER235_SRT-A/* \$ MONICO \$ PECO_P4_LIMER235 \$ STBK		91.56	91.56		
PECO_P4_PEACH015_SRT-A/* \$ CHESCO \$ PECO_P4_PEACH015 \$ STBK	91.66	91.79	91.79		

Monitored Facility	Areas	Scenario	Cont Name	Final AC %Loading		FG #
				Baseline (LL)	Proposal Containing the Project (LL)	
314947 8GREENSVILLE 500 315243 IZ1-086 GT3 20.0 1 1	345	PECO P4 PEACH065 SRT-A/* \$ CHESCO \$ PECO P4 PEACH065 \$ STBK		91.64	91.78	
		PECO P4 PEACH215 SRT-A/* \$ CHESCO \$ PECO P4 PEACH215 \$ STBK		91.63	91.76	
		PECO P4 PEACH225 SRT-A/* \$ CHESCO \$ PECO P4 PEACH225 \$ STBK		91.64	91.77	
		PJM500 PS P1-1 HOPC G1 SRT-A		97.29	97.46	
		PJM500 PS P1-1 SALM G1 SRT-A		97.24	97.41	
		PJM500 PS P1-2 GEN1-GSA SRT-A		97.26	97.43	
		PJM500 PS P1-2 GEN2-GSA-LL SRT-L		97.25	97.42	
		PJM500 PS P1-2 GEN2-GSA SRT-A		97.25	97.42	
		PJM500 PS P1-2 GHC-GSA-SUM SRT-A		97.31	97.48	
		PJM500 PS P2-3 HOPC 2-6D SRT-L		91.49	91.64	
		PJM500 PS P2-3 HOPC 2-6 SRT-A		91.49	91.64	
		PJM500 PS P2-3 HOPC 5-6 SRT-A		91.47	91.63	
		PJM500 PS P2-3 SALM 1-5 SRT-A		91.43	91.58	
		PJM500 PS P2-3 SALM 1-9-LL SRT-L			91.57	
		PJM500 PS P2-3 SALM 1-9 SRT-A			91.57	
		PJM500 PS P2-3 SALM 5-6 SRT-A		91.42	91.58	
		PL 08 P11 000793 SRT-A		97.39	97.55	
		PL 08 P11 001446 SRT-A		97.39	97.55	
		PL 08 P11 001447 SRT-A		97.39	97.55	
		PL 08 P41 101296 SRT-A		91.54	91.70	
		PL 08 P41 101297 SRT-A		91.55	91.71	
		PL 10 P41 100566 SRT-A		91.34		
		PL 10 P42 100567 SRT-A			91.59	
		PL 40 P11 001448 SRT-A		97.38	97.55	
		PL 40 P11 001449 SRT-A		97.38	97.55	
		PL 48 P12 000189 SRT-A		97.31	97.52	
		PL 48 P41 102622 SRT-A		91.47	91.67	
		PL 48 P42 000438 SRT-A		91.47	91.67	
		PL 48 P42 100926 SRT-A		91.47	91.67	
		PL 48 P71 102649 SRT-A		91.47	91.67	
		PN P2-3 PN-500-997-DRT-073 SRT-SL		91.40	91.50	
		WAKE500 CB31 SRT-L			94.22	
		AEP P1-2 #311.5 SRT-A		97.76	98.43	
		AEP P1-2 #7422.16 SRT-A		101.58	102.14	
		AEP P4 #11123_05CLOVRD 765 CC SRT-A		91.89	92.53	
		AEP P4 #2914_05J.FERR 765 B2 SRT-A		91.92	92.43	
		AEP P4 #311_05CLOVRD 765 CC2 SRT-A		91.89	92.53	
		AEP P4 #7422_05CLOVRD 500 EE2 SRT-A		95.48	96.01	
		AEP P4 #7587_05J.FERR 765 B SRT-A		91.94	92.58	
		AP P1-2 PE-500-001 SRT-SL		97.19		
		AP P1-2 WP-500-DRT17 SRT-SL		97.19		
		AP P2-3 PE-500-015 SRT-A		91.40		
		AP P2-3 PE-500-016 SRT-SL		91.41		
		AP P2-3 PE-500-018C SRT-SL		91.36		
		Base Case		127.39	127.80	
		DVP P1-1-G-1 IN ANNA1 SRT-A		98.09	98.24	
		DVP P1-1-G-2 IN ANNA2 SRT-A		97.93	98.09	
DVP P1-1-G-21SURRY 2 SRT-A		97.93	98.26			
DVP P1-1-G-2 IZ1-086 GT2 SRT-A		97.34	97.79			
DVP P1-1-G-S1 IZ1-086 ST SRT-A			97.36			
DVP P1-2 LN 503 SRT-A		93.80				
DVP P1-2 LN 511 SRT-L		103.93	103.91			
DVP P1-2 LN 591 SRT-L		99.68	100.17			
DVP P1-3 BNO ANNA-GSU-1 SRT-A		98.11	98.26			
DVP P1-3 BNO ANNA-GSU-2 SRT-A		97.96	98.12			
DVP P1-3 8SURRY-GSU-2 SRT-A		97.95	98.29			
DVP P4-1 G102-1 SRT-L		92.22	92.37			
DVP P4-1 G102-2 SRT-L		92.22	92.37			

Monitored Facility	Areas	Scenario	Cont Name	Final AC %Loading		FG #
				Baseline (LL)	Proposal Containing the Project (LL)	
		DVP P4-1: G102 SRT-A		91.40		91.69
		DVP P4-1: G202 SRT-L		92.08		92.23
		DVP P4-1: SURREY G202 SRT-L		92.07		92.39
		DVP P4-2: 20112 SRT-A				91.52
		DVP P4-2: 51172 SRT-L		97.67		97.69
		DVP P4-2: 51192 SRT-L		97.69		97.68
		DVP P4-2: 5111544 SRT-L		97.69		97.69
		DVP P4-2: 5111587 SRT-L		97.54		97.69
		DVP P4-2: 5471566 SRT-A		95.63		96.11
		DVP P4-2: 56692 SRT-L		92.95		93.53
		DVP P4-2: 56602 SRT-A		95.48		96.01
		DVP P4-2: 5871591 SRT-L		94.81		95.40
		DVP P4-2: 591921 SRT-L		94.24		94.76
		DVP P4-2: 591922 SRT-L		94.24		94.76
		DVP P4-2: XT591 SRT-L		93.70		94.16
		PECO P1-1_LIMR-U2_SRT-A/* \$ MONTCO \$ PECO P1-1_LIMR-U2 \$ U				97.40
		PECO P1-1_PEACH-U2_SRT-A/* \$ CHESCO \$ PECO P1-1_PEACH-U2 \$ U		97.49		97.63
		PECO P1-1_PEACH-U3_SRT-A/* \$ CHESCO \$ PECO P1-1_PEACH-U3 \$ U		97.52		97.65
		PECO P1-3_LIMR-GSU2_SRT-A/* \$ MONTCO \$ PECO P1-3_LIMR-GSU2 \$ T		97.21		
		PECO P1-3_PEACH-GSU2_SRT-A/* \$ CHESCO \$ PECO P1-3_PEACH-GSU2 \$ T		97.51		97.65
		PECO P4_LIMR235_SRT-A/* \$ MONTCO \$ PECO P4_LIMR235 \$ STBK		97.94		97.68
		PECO P4_PEACH015_SRT-A/* \$ CHESCO \$ PECO P4_PEACH015 \$ STBK		91.66		91.56
		PECO P4_PEACH065_SRT-A/* \$ CHESCO \$ PECO P4_PEACH065 \$ STBK		91.64		91.79
		PECO P4_PEACH215_SRT-A/* \$ CHESCO \$ PECO P4_PEACH215 \$ STBK		91.63		91.78
		PECO P4_PEACH225_SRT-A/* \$ CHESCO \$ PECO P4_PEACH225 \$ STBK		91.64		91.76
		PJM500 PS P1-1_HOPC_G1_SRT-A		97.29		91.77
		PJM500 PS P1-1_SALM_G1_SRT-A		97.24		97.46
		PJM500 PS P1-2_GEN1_GSA_SRT-A		97.26		97.41
		PJM500 PS P1-2_GEN2_GSA_LL_SRT-L		97.25		97.43
		PJM500 PS P1-2_GEN2_GSA_SRT-A		97.25		97.42
		PJM500 PS P1-2_GHC_GSA_SUM_SRT-A		97.31		97.42
		PJM500 PS P2-3_HOPC_2-6D_SRT-L		91.49		97.48
		PJM500 PS P2-3_HOPC_2-6 SRT-A		91.49		91.64
		PJM500 PS P2-3_HOPC_5-6 SRT-A		91.47		91.63
		PJM500 PS P2-3_SALM_1-5 SRT-A		91.43		91.58
		PJM500 PS P2-3_SALM_1-9_LL_SRT-L				91.57
		PJM500 PS P2-3_SALM_1-9 SRT-A				91.57
		PJM500 PS P2-3_SALM_5-6 SRT-A		91.42		91.58
		PL 08 P11 000783_SRT-A		97.39		97.55
		PL 08 P11 001446_SRT-A		97.39		97.55
		PL 08 P11 001447_SRT-A		97.39		97.55
		PL 08 P41 101296_SRT-A		91.54		91.70
		PL 08 P41 101297_SRT-A		91.55		91.71
		PL 10 P41 100568_SRT-A		91.34		91.71
		PL 10 P42 100567_SRT-A				91.59
		PL 40 P11 001448_SRT-A		97.38		97.55
		PL 40 P11 001449_SRT-A		97.38		97.55
		PL 48 P12 000189_SRT-A		97.31		97.52
		PL 48 P41 102622_SRT-A		91.47		91.67
		PL 48 P42 000438_SRT-A		91.47		91.67
		PL 48 P42 100926_SRT-A		91.47		91.67
		PL 48 P71 102649_SRT-A		91.47		91.67
		PN_P2-3_PN-500-997-DRT-073_SRT-SL		91.40		91.50
		WAKE500_CB31_SRT-L				94.22
		Base Case		105.06		105.18
314947 8GREENSVILLE 500 315244 1Z1-086 ST 24.0 1 1	345			96.43		96.43
315201 1BATH 1A 20.5 998759 BATH 3W1 20.5 1 1	345			96.43		96.43
315202 1BATH 2B 20.5 998759 BATH 3W1 20.5 1 1	345			96.46		96.46

Monitored Facility	Areas	Scenario	Final AC %Loading	
			Baseline (LL)	Proposal Containing the Project (LL)
315203 1BATH 3C 20.5 998758 BATH 3W3 20.5 1 1	345	Cont Name	96.68	96.68
315204 1BATH 4D 20.5 998758 BATH 3W3 20.5 1 1	345	Base Case	97.56	97.56
		DVP P4-3: H1H3 SRT-A	90.75	90.76
315205 1BATH 5E 20.5 998757 BATH 3W5 20.5 1 1	345	Base Case	98.02	98.02
315206 1BATH 6F 20.5 998757 BATH 3W5 20.5 1 1	345	Base Case	96.65	96.65

Monitored Facility	Cont Name	CountType	Areas	OP Rule	LTF Impact (Max/Min)	Scenario	Final AC %LD	
							Baseline (LL)	Proposal Containing the Project (LL)
313393 6MARS 500 313399 6MARS 230 1	DVP_P1-2:LN 6345_SRT-A	OP	345	OP	0.0/0.0	AC Final Flow (Max/Min)	91.25	
	DVP_P1-2:LN 6345_SRT-A	Single	345	Single	0.0/0.0	1235.1/1235.1	91.25	
313399 6MARS 230 313805 6SHELLHORN 230 1	DVP_P1-2:LN 9349_SRT-A	OP	345	OP	0.0/0.0	1235.1/1235.1	91.24	
	DVP_P1-2:LN 9349_SRT-A	Single	345	Single	0.0/0.0	1235.1/1235.1	91.24	
313815 6SPRINGH 230 314079 6RESTON 230 1	DVP_P1-2:LN 202_SRT-A	OP	345	OP	0.0/0.0	1390.7/1390.7	90.37	
	DVP_P1-2:LN 202_SRT-A	Single	345	Single	0.0/0.0	1390.7/1390.7	90.37	
313904 6GOOSECRK 230 314006 6ASHBURA 230 1	DVP_P1-2:LN 274_SRT-L	OP	345	OP	0.0/0.0	649.8/649.8	92.16	
	DVP_P1-2:LN 274_SRT-L	Single	345	Single	0.0/0.0	649.8/649.8	92.16	
314006 6ASHBURA 230 314010 6BEARMEAD 230 1	DVP_P1-2:LN 274_SRT-L	OP	345	OP	0.0/0.0	1440.9/1432.8	93.70	
	DVP_P1-2:LN 274_SRT-L	Single	345	Single	0.0/0.0	1440.9/1432.8	93.70	
314041 6GLEBE 230 314185 6RADNOR 230 1	DVP_P4-2:2507258_SRT-A	Breaker	345	Above OP	0.0/0.0	1444.2/1406.0	91.43	
	DVP_P7-1:LN 2507-258_SRT-A	OP	345	Above OP	0.0/0.0	359.5/341.8	96.02	2022W3-GD_L359
313904 6EDFERRY 230 313811 6TWINCREAKS 230 1	AP_P1-2:PE 500-4071_SRT-SL	OP	345	OP	0.0/0.0	1262.2/1262.2	91.53	
	DVP_P1-2:LN 514_SRT-A	OP	345	OP	0.0/0.0	1431.3/1325.8	103.79	
314820 6BALLSTN 230 314120 6CLINDNC 230 1	DVP_P4-2:2507258_SRT-A	Breaker	345	Above OP	0.0/0.0	1431.3/1325.8	103.79	
	DVP_P7-1:LN 2507-258_SRT-A	OP	345	Above OP	0.0/0.0	332.5/317.2	110.45	2022W3-GD_L118
315241 1Z1-086GT1 20.0 314947 6GREENSVILLE 500 1	NEP_P1-1_#4838_056AVIN 765.2_SRT-	OP	345	OP	0.0/0.0	326.7/325.9	96.21	
	NEP_P1-1_#4851_05COOK 345.1_SRT-	OP	345	OP	0.0/0.0	326.9/325.8	96.60	
315242 1Z1-086GT2 20.0 314947 6GREENSVILLE 500 1	NEP_P1-1_#4852_05COOK 765.2_SRT-	OP	345	OP	0.0/0.0	327.8/326.7	96.52	
	NEP_P1-1_#4851_05COOK 345.1_SRT-	OP	345	OP	0.0/0.0	327.8/326.6	96.52	
315243 1Z1-086GT3 20.0 314947 6GREENSVILLE 500 1	NEP_P1-1_#4852_05COOK 765.2_SRT-	OP	345	OP	0.0/0.0	326.6/325.6	96.21	
	NEP_P1-1_#4851_05COOK 345.1_SRT-	OP	345	OP	0.0/0.0	326.9/325.8	96.60	
316183 AAL-038 COL 34.5 98765 6ROCKY FORGE 34.5 1	DL C P11_GEN-158VRV11_SRT-A	OP	345	OP	0.0/0.0	327.3/326.3	96.71	
	DL C P11_GEN-158VRV12_SRT-A	OP	345	OP	0.0/0.0	324.4/323.2	120.13	
315244 1Z1-086 ST 24.0 314947 6GREENSVILLE 500 1	DL C P11_GEN-158VRV11_SRT-A	OP	345	OP	0.0/0.0	327.8/326.6	96.52	
	DL C P11_GEN-158VRV12_SRT-A	OP	345	OP	0.0/0.0	327.8/326.6	96.52	
316183 AAL-038 COL 34.5 98765 6ROCKY FORGE 34.5 1	DL C P11_GEN-158VRV11_SRT-A	OP	345	OP	0.0/0.0	327.8/326.6	96.52	
	DL C P11_GEN-158VRV12_SRT-A	OP	345	OP	0.0/0.0	327.8/326.6	96.52	
98765 6ROCKY FORGE 34.5 151007 6ROCKY FORGE 230 1	DVP_P1-1:G-W1-AA1-038_C_SRT-A	OP	345	OP	0.0/0.0	76.3/76.3	152.60	
	DVP_P1-1:G-W1-AA1-038_C_SRT-A	Single	345	Single	0.0/0.0	66.4/66.4	105.51	
98765 6ROCKY FORGE 34.5 151007 6ROCKY FORGE 230 1	DVP_P1-1:G-W1-AA1-038_C_SRT-A	OP	345	OP	0.0/0.0	66.4/66.4	105.51	
	DVP_P1-1:G-W1-AA1-038_C_SRT-A	Single	345	Single	0.0/0.0	77.9/77.9	155.84	
98765 6ROCKY FORGE 34.5 151007 6ROCKY FORGE 230 1	DVP_P1-1:G-W1-AA1-038_C_SRT-A	OP	345	OP	0.0/0.0	77.9/77.9	155.84	
	DVP_P1-1:G-W1-AA1-038_C_SRT-A	Single	345	Single	0.0/0.0	67.4/67.4	107.10	

Monitored Facility	Areas	Scenario	Final IAC %Loading		FG #
			Baseline (WIN)	Proposal Containing the Project (WIN)	
272504 STATELINE;3B 138 272506 STATELINE;2S 138 1 1	222	Cont N Name			
		COMED_P1-2_138-L17008_B-C_SRT-A	94.92	94.92	94.92
		COMED_P1-2_138-L17008_B-C_SRT-A	95.09	95.09	95.09
		COMED_P7-1_345-L17723_B-C_*_138-L17008_B-C_SRT-A	93.16	93.16	93.19
		COMED_P7-1_345-L17724_B-C_*_138-L17008_B-C_SRT-A	90.84	90.84	90.85
313007 BROCKY FORGE 230 998763 BROCKY FORGE 34.5 1 1	345	Base Case	168.41	168.30	168.30
		DVP_P1-1: G-W1 AA1-038_C_SRT-A	108.78	108.59	108.59
313023 6ELZRVR NUG 230 315108 1ELIZAR1 13.8 1 1	345	Base Case	91.87	91.87	91.87
		Base Case	90.21	90.21	90.21
313023 6ELZRVR NUG 230 315109 1ELIZAR2 13.8 1 1	345	Base Case	108.40	108.40	108.40
		AEP_P1-2_#363_1682_SRT-A	106.39	106.39	106.39
313023 6ELZRVR NUG 230 315110 1ELIZAR3 13.8 1 1	345	Base Case	98.01	98.09	98.09
		DVP_P4-2: 207012_SRT-A	92.18	92.18	92.18
313027 6FOUR RIVER1 230 315045 1FOUR RIVERC 13.8 1 1	345	DVP_P4-2: 2232070_SRT-A	92.24	92.24	92.24
		DVP_P7-1: LN 2070-2158_SRT-A	92.49	92.60	92.60
313028 6FOUR RIVER2 230 315046 1FOUR RIVERD 13.8 1 1	345	Base Case	90.61	90.61	90.61
		Base Case	90.94	90.94	90.94
		DVP_P1-1: G-1 IN ANNA1_SRT-A	91.55	91.55	91.55
		DVP_P1-1: G-1 SUURRY_1_SRT-A	91.49	91.49	91.49
		DVP_P1-1: G-2 IN ANNA2_SRT-A	91.55	91.55	91.55
		DVP_P1-2: LN 509_SRT-A	91.62	91.62	91.62
		DVP_P1-2: LN 592_SRT-A	91.83	91.83	91.83
		DVP_P1-2: LN 596_SRT-A	91.97	91.97	91.97
		DVP_P1-3: 8NO ANNA-GSU1_SRT-A	91.55	91.55	91.55
		DVP_P1-3: 8NO ANNA-GSU2_SRT-A	91.55	91.55	91.55
		PECO_P1-1_LIMCH-U2_SRT-A/* \$ MONTCO \$ PECO P1-1_LIMCH-U2 \$ U	91.67	91.67	91.67
		PECO_P1-1_PEACH-U2_SRT-A/* \$ CHESCO \$ PECO P1-1_PEACH-U2 \$ U	91.78	91.78	91.78
		PECO_P1-1_PEACH-U3_SRT-A/* \$ CHESCO \$ PECO P1-1_PEACH-U3 \$ U	91.79	91.79	91.79
		PECO_P1-3_PEACH-GSU2_SRT-A/* \$ CHESCO \$ PECO P1-3_PEACH-GSU2 \$ T	91.77	91.77	91.77
		PECO_P1-3_PEACH-GSU3_SRT-A/* \$ CHESCO \$ PECO P1-3_PEACH-GSU3 \$ T	91.79	91.79	91.79
		PJM500_PS_P1-1_HOPC_G1_SRT-A	91.70	91.70	91.70
		PJM500_PS_P1-1_SALM_G1_SRT-A	91.68	91.68	91.68
		PJM500_PS_P1-1_SALM_G2_SRT-A	91.68	91.68	91.68
		PJM500_PS_P1-2_GENI-GSA_SRT-A	91.68	91.68	91.68
		PJM500_PS_P1-2_GEN2-GSA_SRT-A	91.68	91.68	91.68
		PJM500_PS_P1-2_GHC-GSA-SUM_SRT-A	91.70	91.70	91.70
		313029 6GASTON 230 315139 1GASTONA 14.4 1 1	345	PL_08_P11_000783_SRT-A	91.71
PL_08_P11_001446_SRT-A	91.71			91.71	91.71
PL_08_P11_001447_SRT-A	91.71			91.71	91.71
PL_40_P11_001448_SRT-A	91.71			91.71	91.71
PL_40_P11_001449_SRT-A	91.71			91.71	91.71
PL_48_P12_000189_SRT-A	91.52			91.52	91.52
AEP_P1-2_#363_1682_SRT-A	99.45			99.45	99.45
Base Case	97.41			97.41	97.41
AEP_P1-2_#363_1682_SRT-A	98.65			98.65	98.65
Base Case	96.61			96.61	96.61
313029 6GASTON 230 315141 1GASTONB 14.4 1 1	345	AP_P1-2_PE-500-004_SRT-W	105.06	105.06	105.06
		AP_P1-2_PE-500-402AT_SRT-A	103.99	103.99	103.99
		AP_P1-2_PE-500-402BT_SRT-A	104.54	104.54	104.54
		AP_P1-2_PE-500-404T_SRT-A	103.47	103.47	103.47
		AP_P1-2_WP-500-006_SRT-A	105.06	105.06	105.06
		AP_P2-3_PE-500-012_SRT-W	97.67	97.67	97.67
		AP_P2-3_PE-500-013_SRT-W	97.35	97.35	97.35
		AP_P2-3_PE-500-014_SRT-SL	99.36	99.36	99.36
		AP_P2-3_PE-500-014_SRT-W	99.36	99.36	99.36
		AP_P2-3_PE-500-019D_SRT-W	97.92	97.92	97.92
313029 6GASTON 230 315141 1GASTONB 14.4 1 1	345	AP_P2-3_WP-500-466_SRT-A	98.76	98.76	98.76
		AP_P2-3_WP-500-DRT19_SRT-W	98.76	98.76	98.76
313029 6GASTON 230 315141 1GASTONB 14.4 1 1	345	Base Case	101.34	100.91	100.91
		Base Case	101.34	100.91	100.91

Monitored Facility	Areas	Scenario	Final IAC %Loading		FG #
			Baseline (WIN)	Proposal Containing the Project (WIN)	
		Cont N Name			
		DVP_P1-1: G-1 LN ANNA1 SRT-A	103.73	103.45	103.45
		DVP_P1-1: G-2 LN ANNA2 SRT-A	103.52	103.33	103.33
		DVP_P1-2: LN 535 SRT-A	103.47		
		DVP_P1-2: LN 563 SRT-W	105.56	104.96	104.96
		DVP_P1-2: LN 592 SRT-A	104.76	104.23	104.23
		DVP_P1-3: 8CARSON-TX#1 SRT-A	103.70	103.05	103.05
		DVP_P1-3: 8NO ANNA-GSU-1 SRT-A	103.75	103.51	103.51
		DVP_P1-3: 8NO ANNA-GSU-2 SRT-A	103.55	103.37	103.37
		DVP_P4-1: WARREN G1S42 SRT-A	98.47	97.97	97.97
		DVP_P4-2: 511T544 SRT-W	98.79	97.79	97.79
		DVP_P4-2: 535T5XX-1 SRT-A	97.48		
		DVP_P4-2: 541T580 SRT-W		99.54	99.54
		DVP_P4-2: 541T592 SRT-W		99.50	99.50
		DVP_P4-2: 548T549 SRT-W	99.22	97.85	97.85
		DVP_P4-2: 551T83 SRT-A	98.96	97.71	97.71
		DVP_P4-2: 551T84 SRT-A	98.28		
		DVP_P4-2: 562T563 SRT-W	99.36	99.36	99.36
		DVP_P4-2: 563T72 SRT-W	98.20		
		DVP_P4-2: 563T576 SRT-W	99.36	99.36	99.36
		DVP_P4-2: 580T592 SRT-A		99.43	99.43
		DVP_P4-2: 58342 SRT-WL		97.86	97.86
		DVP_P4-2: G2T567 SRT-A	98.08		
		DVP_P4-2: G2T575 SRT-W	98.08		
		DVP_P4-2: H2T5XX-2 SRT-A	97.27		
		DVP_P7-1: LN 249-69 SRT-A	97.61	96.92	96.92
		DVP_P7-1: LN 535-2114 SRT-W	97.62		
		PECO_P1-2_5012_SRT-A/* \$ CHESCO \$ PECO_P1-2_5012 \$ L	103.77		
		PECO_P4_PEACH235_SRT-A/* \$ CHESCO \$ PECO_P4_PEACH235 \$ STBK	97.54		
		PECO_P4_PEACH245_SRT-A/* \$ CHESCO \$ PECO_P4_PEACH245 \$ STBK	98.29	97.77	97.77
		PJM_500_BG_P1_5011_SRT-A		103.39	103.39
		PJM_500_BG_P4_5_CNSTN_B_SRT-A	97.44		
		PJM_500_BG_P4_5_CNSTN_C_SRT-A	97.45		
PJM_500_BG_P4_5_CNSTN_J_SRT-A	95.09	95.74	95.74		
AEP_P1-2_#363_1682_SRT-A	92.48	93.33	93.33		
Base Case		91.31	91.31		
DVP_P1-2: LN 574 SRT-W		100.26	100.26		
Base Case		94.61	94.61		
Base Case					
AEP_P1-2_#363_1682_SRT-A		95.47	95.47		
AP_P1-2_PE-230-006_SRT-A	91.48	96.70	96.70		
AP_P1-2_PE-230-425T_SRT-A	91.47	96.68	96.68		
AP_P1-2_PE-230-426T_SRT-A	91.49	96.71	96.71		
AP_P1-2_PE-500-402BT_SRT-A		96.64	96.64		
AP_P1-3_PE-500-001_SRT-A	91.11	96.32	96.32		
AP_P1-3_PE-500-002_SRT-A	91.11	96.32	96.32		
AP_P1-3_PE-500-003_SRT-A	91.15	96.37	96.37		
AP_P1-3_PE-500-004_SRT-A	91.11	96.32	96.32		
AP_P2-2_PE-230-030A_SRT-W		91.12	91.12		
AP_P2-2_PE-500-004_SRT-W		91.08	91.08		
AP_P2-2_PE-500-005_SRT-W		91.03	91.03		
AP_P2-3_PE-230-040B_SRT-W		91.48	91.48		
AP_P2-3_PE-230-040D_SRT-W		91.01	91.01		
AP_P2-3_PE-230-040I_SRT-A		91.49	91.49		
AP_P2-3_PE-230-313T_SRT-A		91.60	91.60		
AP_P2-3_PE-500-019D_SRT-W		91.74	91.74		
BG_P7_CNSTN_NWEST2_SRT-A		90.61	90.61		
Base Case		90.89	90.89		
DVP_P1-2: LN 2094_SRT-A		91.26	91.26		

Monitored Facility	Areas	Scenario	Final IAC %Loading		FG #
			Baseline (WIN)	Proposal Containing the Project (WIN)	
		Cont N Name			
		DVP_P1-2: LN 2209_SRT-A	95.76		
		DVP_P1-2: LN 569_SRT-W		91.47	
		DVP_P1-2: LN 5XX-1_SRT-A		94.75	
		DVP_P1-2: LN 9303_SRT-A	93.68		98.56
		DVP_P1-2: LN 9345_SRT-A	111.79		117.93
		DVP_P1-2: LN 9348_SRT-A	93.11		
		DVP_P1-2: LN SPOT2VINT_2nd_SRT-A		93.37	
		DVP_P1-2: LN VINT2WSHGSTAR-SRT-A		92.41	
		DVP_P1-3: 8GOOSE CREEK-TX#1_SRT-A	101.78		107.15
		DVP_P1-3: 8NO ANNA-GSU-2_SRT-A		95.14	
		DVP_P1-3: 8VINTHIL-TX#1_SRT-A	92.62		98.01
		DVP_P1-3: 8VINTHIL-TX#2_SRT-A		98.01	
		DVP_P1-3: 8WSHGSTAR-TX#1_SRT-A	111.79		117.93
		DVP_P2-2: BRAMBLETON B5_SRT-W	93.60		98.95
		DVP_P2-2: LOUDOUN B1_SRT-W		94.73	
		DVP_P2-2: LOUDOUN B2_SRT-W		94.86	
		DVP_P2-2: LOUDOUN B3_SRT-A		94.86	
		DVP_P2-2: LOUDOUN B4_SRT-A		94.86	
		DVP_P2-2: OCCOQUAN B3_SRT-W		91.85	
		DVP_P2-2: OCCOQUAN B4_SRT-W		91.85	
		DVP_P4-2: 200852_SRT-A		95.05	
		DVP_P4-2: 20212175_SRT-A	90.64		
		DVP_P4-2: 217202_SRT-A	92.31		96.77
		DVP_P4-2: 217232_SRT-A	92.19		96.72
		DVP_P4-2: 22712130_SRT-W	90.25		95.13
		DVP_P4-2: 22712152_SRT-A	92.40		97.21
		DVP_P4-2: HIT595_SRT-A	105.95		111.01
		DVP_P4-2: L3T203_SRT-W	92.77		97.21
		DVP_P4-2: L3T2180_SRT-W	90.46		95.43
		DVP_P4-3: H402_SRT-A	93.60		98.95
		DVP_P4-3: PLEASAN H322_SRT-W	90.64		95.64
		DVP_P4-4: SC432_SRT-A	90.37		95.17
		DVP_P4-6: 9345T1_SRT-A	105.08		110.85
		DVP_P4-6: 9345T2_SRT-A	105.08		110.85
		DVP_P4-6: 9346T1_SRT-A	105.19		110.99
		DVP_P4-6: 9347T1_SRT-A	105.19		110.99
		DVP_P4-6: WISHI 9345T2_SRT-A	105.08		110.85
		DVP_P7-1: LN 183-2101_SRT-A		91.49	
		DVP_P7-1: LN 2005-2033_SRT-A		91.83	
		DVP_P7-1: LN 2008-265_SRT-A	90.17		94.56
		DVP_P7-1: LN 201-558_SRT-W		91.38	
		DVP_P7-1: LN 2013-248_SRT-W		92.19	
		DVP_P7-1: LN 2023-248_SRT-A		91.86	
		DVP_P7-1: LN 2033-264_SRT-A		91.53	
		DVP_P7-1: LN 2051-2212_SRT-A		93.28	
		DVP_P7-1: LN 207-266_SRT-A		91.96	
		DVP_P7-1: LN 2087-237_SRT-A		91.53	
		DVP_P7-1: LN 2107-265_SRT-A		92.23	
		DVP_P7-1: LN 2112-248_SRT-A		91.94	
		DVP_P7-1: LN 2137-2172_SRT-A	92.45		95.88
		DVP_P7-1: LN 215-248_SRT-A		91.30	
		DVP_P7-1: LN 2187-2228_SRT-A		92.28	
		DVP_P7-1: LN 2187-9309_SRT-A		92.25	
		DVP_P7-1: LN 227-274_SRT-W	104.68		109.26
		DVP_P7-1: LN 265-295_SRT-A		92.86	
		PECO_P1-2_5012_SRT-A/* \$ CHESCO \$ PECO_P1-2_5012 \$ L			
		PECO_P4_PEACH235_SRT-A/* \$ CHESCO \$ PECO_P4_PEACH235 \$ STBK	91.36		96.54
				90.75	

Monitored Facility	Areas	Scenario	Final IAC %Loading		FG #
			Baseline (WIN)	Proposal Containing the Project (WIN)	
313399 6MARS	230 313805 6SHELLHORN1 230 1 1	Cont N Name			
		PECO_P4_PEACH245_SRT-A/* \$ CHESCO \$ PECO_P4_PEACH245 \$ STBK			
		PECO_P1_PP1A_A_SRT-A	91.42	90.88	
		PECO_P1_PP1A_SRT-A	91.41	96.62	
		PECO_P7_1PECO_SRT-A		96.61	
		PECO_P7_23PECO_SRT-A		92.68	
		PJM_500_BG_P1_CCLFG1_SRT-A	91.24	90.52	
		PJM_500_BG_P1_CCLFG2_SRT-A	91.23	96.27	
		PJM_500_BG_P4_5_CLVT_23_SRT-A		90.52	
		PN_P1-2_PN-500-010T_SRT-A	91.20		
		PP7_SRT-A		92.81	
		DVP_P7-1:LN 227-274_SRT-W	95.14	97.31	
		DVP_P4-2:LN 2095_SRT-A	102.80	103.89	
		DVP_P4-2:209542_SRT-A	96.52	97.84	
		DVP_P4-2:2095T2186_SRT-A	93.47	94.45	
DVP_P4-2:2095T2213_SRT-A	95.60	97.05			
DVP_P4-6:2095T2_SRT-A	96.63	97.66			
DVP_P7-1:LN 2095-2137_SRT-A	101.93	103.59			
DVP_P7-1:LN 227-274_SRT-W		90.78			
DVP_P1-2:LN 2218_SRT-A	104.70	105.95			
DVP_P1-2:LN 9349_SRT-A	110.74	111.97			
DVP_P4-2:221842_SRT-A	98.18	99.50			
DVP_P4-2:221862-2_SRT-A	98.42	99.59			
DVP_P4-2:934962-1_SRT-A	104.09	105.25			
DVP_P4-2:934962-2_SRT-A	104.09	105.25			
DVP_P4-2:XT2218_SRT-A	98.18	99.50			
DVP_P4-6:9349T1_SRT-A	91.59	92.43			
DVP_P7-1:LN 227-274_SRT-W		108.59			
DVP_P4-2:H1T2114_SRT-A	98.76	98.21			
DVP_P4-2:502T5XX-2_SRT-A	91.69				
DVP_P4-2:H1T5XX-2_SRT-A	99.68				
DVP_P7-1:LN 2222-5XX-2_SRT-A	96.27				
DVP_P7-1:LN 535-2140_SRT-A/*	93.49				
DVP_P7-1:LN 535-2176_SRT-A	94.97				
DVP_P7-1:LN 535-9245_SRT-A	96.27				
AP_P1-2:PE-500-402AT_SRT-A	Ncomv (<100%)				
AP_P1-2:PE-500-402BT_SRT-A	92.15				
AP_P1-2:PE-500-404T_SRT-A	115.29		2022W3-N1-WT15		
AP_P2-3:PE-500-012_SRT-W	109.05		2022W3-N1-WT54		
AP_P2-3:PE-500-013_SRT-W	108.97		2022W3-N1-WT56		
DVP_P1-2:LN 2114_SRT-A	92.00				
DVP_P1-2:LN 535_SRT-A	115.29		2022W3-N1-WT16		
DVP_P1-2:LN 539_SRT-A	104.86		2022W3-N1-WT93		
DVP_P1-2:LN 545_SRT-W	101.11		2022W3-N1-WT159		
DVP_P1-2:LN 568_SRT-W	92.37				
DVP_P4-2:535T5XX-1_SRT-A	100.89		2022W3-N1-WT156		
DVP_P4-2:545T552_SRT-W	110.91		2022W3-N1-WT37		
DVP_P4-2:H1T545_SRT-W	98.53				
DVP_P4-2:H1T539_SRT-A	98.53				
DVP_P4-2:H2T545_SRT-W	94.70				
DVP_P4-2:H2T5XX-2_SRT-A	105.06		2022W3-N1-WT95		
DVP_P4-2:OX H1T539_SRT-A	98.53				
DVP_P7-1:LN 535-2114_SRT-W	122.65		2022W3-N1-WT12		
DVP_P4-2:2095T9349_SRT-A	112.99				
DVP_P1-2:LN 2095_SRT-A	96.14				
DVP_P4-2:2095T2213_SRT-A	90.15				
DVP_P4-6:2095T2_SRT-A	90.37				
DVP_P7-1:LN 2095-2137_SRT-A	95.64				
313440 8VINTHIL	500 314125 6VINTHIL 230 2 1				
313440 8VINTHIL	500 314913 8LOUDOUN 500 1 1				
313440 8VINTHIL	500 314916 8MORRSVL 500 1 1				
313743 6INTERCONN	230 314010 6BEAHEAD 230 1 1				
313746 6SOJOURNER	230 313822 6RUNWAY 230 1 1				

Monitored Facility		Areas	Scenario	Cont N Name	Baseline (WIN)	Final IAC %Loading Proposal Containing the Project (WIN)	FG #
313751 6STRATUS	230 314098 6GREENWAY1 230 1 1	345	DVP_P1-2: LN 2031_SRT-A		93.44	90.02	
			DVP_P4-2: 218642_SRT-A		90.17	95.01	
313752 6TAKEOFF	230 313774 6LINC PRK 230 1 1	345	DVP_P4-2: 209519349_SRT-A		102.55	104.11	
			DVP_P7-1: LN 227-274_SRT-W		96.05	97.22	
313774 6LINC PRK	230 314035 6DISCOVR 230 1 1	345	DVP_P1-2: LN 9233_SRT-A		98.89	99.31	
			DVP_P4-2: 9233V2_SRT-A		92.95	93.35	
313804 6GREENWAY2	230 313841 6ENTERPRIS 230 1 1	345	DVP_P1-2: LN 2188_SRT-A		91.49	93.06	
			DVP_P1-2: LN 2095_SRT-A		92.24	93.47	
313805 6SHELLHORN1	230 313822 6RUNWAY 230 1 1	345	DVP_P7-1: LN 2095-2137_SRT-A		91.95	93.73	
			DVP_P1-2: LN 2188_SRT-A		94.80	96.33	
313805 6SHELLHORN1	230 313841 6ENTERPRIS 230 1 1	345	DVP_P4-2: 218842_SRT-A			91.36	
			DVP_P4-2: 2188T9300_SRT-A			90.22	
313805 6SHELLHORN1	230 314098 6GREENWAY1 230 1 1	345	DVP_P4-2: W72188_SRT-A		94.26	95.83	
			DVP_P1-2: LN 2031_SRT-A		93.98	95.63	
313804 6GREENWAY2	230 313841 6ENTERPRIS 230 1 1	345	DVP_P4-2: H3T2031_SRT-A		93.40	90.08	
			DVP_P4-2: H3T2186_SRT-A		90.13	94.80	
313815 6SPRINGH	230 314079 6RESTON 230 1 1	345	DVP_P7-1: LN 227-274_SRT-W		90.13	91.78	
			DVP_P1-2: LN 202_SRT-A		94.56		
313816 6NALEX	230 314127 6S CARLY 230 1 1	345	DVP_P4-2: 9290T248_SRT-A		91.49	99.09	
			AEP_P1-2: #363_1682_SRT-A		98.65	98.88	
313825 6PLYWOOD	115 315266 1PLYWOOD A 13.8 1 1	345	AEP_P1-2: #37_12_SRT-A		103.57	104.06	
			AEP_P1-2: #7422_16_SRT-A		106.36	106.78	
313804 6GREENWAY2	230 313841 6ENTERPRIS 230 1 1	345	AEP_P1-3: #1372_05JOSHUA 765_1_SRT-A			99.11	
			AEP_P2-2: #1372_05JOSHUA 765_1_SRT-A			93.17	
313804 6GREENWAY2	230 313841 6ENTERPRIS 230 1 1	345	AEP_P4_#15274_05JOSHUA 138_CB4_SRT-A			93.17	
			AEP_P4_#2942_05KAMMER 765_PP_SRT-A		97.02	97.49	
313804 6GREENWAY2	230 313841 6ENTERPRIS 230 1 1	345	AEP_P4_#3174_05CLOWRD 765_AA2_SRT-A		92.73	92.94	
			AEP_P4_#363_05JEFRSO 765_B1_SRT-A		92.73	93.15	
313804 6GREENWAY2	230 313841 6ENTERPRIS 230 1 1	345	AEP_P4_#37_05MOUNTN 765_B1_SRT-A		97.36	97.82	
			AEP_P4_#6332_05JOSHUA 765_A1_SRT-A		92.73	93.15	
313804 6GREENWAY2	230 313841 6ENTERPRIS 230 1 1	345	AEP_P4_#8648_05JEFRSO 765_B_SRT-A		92.73	92.95	
			AEP_P4_#9336_05ROCKPT 765_C_SRT-A		92.73	92.94	
313804 6GREENWAY2	230 313841 6ENTERPRIS 230 1 1	345	AEP_P5_#11280_05ROCK_05ROCK_SRT-A		92.78	93.00	
			AP_P1-2: MP-500-511T_SRT-W		103.72	103.96	
313804 6GREENWAY2	230 313841 6ENTERPRIS 230 1 1	345	AP_P1-2: PE-500-002I_SRT-W			103.39	
			AP_P1-2: PE-500-004_SRT-W			105.87	
313804 6GREENWAY2	230 313841 6ENTERPRIS 230 1 1	345	AP_P1-2: PE-500-404T_SRT-A		103.03	103.44	
			AP_P1-2: WP-500-006_SRT-A			105.87	
313804 6GREENWAY2	230 313841 6ENTERPRIS 230 1 1	345	AP_P2-3: PE-500-012_SRT-W		97.06	97.45	
			AP_P2-3: PE-500-013D_SRT-W		97.01	97.44	
313804 6GREENWAY2	230 313841 6ENTERPRIS 230 1 1	345	AP_P2-3: PE-500-014_SRT-SL		99.28	99.52	
			AP_P2-3: PE-500-018B_SRT-W		97.03	99.52	
313804 6GREENWAY2	230 313841 6ENTERPRIS 230 1 1	345	AP_P2-3: PE-500-018_SRT-W		97.12	97.58	
			AP_P2-3: PE-500-019B_SRT-A		97.02	97.98	
313804 6GREENWAY2	230 313841 6ENTERPRIS 230 1 1	345	AP_P2-3: WP-500-466_SRT-A			99.52	
			AP_P2-3: WP-500-DRT19_SRT-W			99.52	
313804 6GREENWAY2	230 313841 6ENTERPRIS 230 1 1	345	Base Case		101.01	101.24	
			DURHAM500_CB31_SRT-W		104.75	105.08	
313804 6GREENWAY2	230 313841 6ENTERPRIS 230 1 1	345	DURHAM500_CB33_SRT-W		104.75	105.08	
			DVP_P1-2: LN 1022_SRT-A		104.58	104.87	
313804 6GREENWAY2	230 313841 6ENTERPRIS 230 1 1	345	DVP_P1-2: LN 33_SRT-A		104.53	104.88	

Monitored Facility	Areas	Scenario	Final IAC %Loading		FG #
			Baseline (WIN)	Proposal Containing the Project (WIN)	
313904600SECRK 230 3140066ASHBURA 230 1 1	345	Cont N Name			
		DVP_P1-2:LN 40_SRT-A	98.23	98.40	
		DVP_P1-2:LN 509_SRT-A	105.17	105.56	
		DVP_P1-2:LN 534_SRT-W	105.42	106.05	
		DVP_P1-2:LN 535_SRT-A	103.03	103.44	
		DVP_P1-2:LN 541_SRT-W		103.82	
		DVP_P1-2:LN 548_SRT-W	104.42	104.81	
		DVP_P1-2:LN 553_SRT-W	109.59	110.00	
		DVP_P1-2:LN 570_SRT-A	108.66	109.30	
		DVP_P1-2:LN 591_SRT-W	104.24	104.53	
		DVP_P1-2:LN 596_SRT-A	106.57	107.05	
		DVP_P4-2:100912_SRT-A	100.02	100.41	
		DVP_P4-2:15832_SRT-A	100.56	100.97	
		DVP_P4-2:2357298_SRT-A	103.24	103.73	
		DVP_P4-2:31T1022_SRT-A	99.11		
		DVP_P4-2:509T570_SRT-A	106.10	107.41	
		DVP_P4-2:534T564_SRT-W	101.08	101.57	
		DVP_P4-2:541T592_SRT-W		99.58	
		DVP_P4-2:542T553_SRT-W	102.74	103.14	
		DVP_P4-2:553T564_SRT-W	102.46	102.99	
		DVP_P4-2:591922_SRT-W	98.03	98.35	
		DVP_P4-2:G1T2068_SRT-A	99.43	99.88	
		DVP_P4-2:H1T548_SRT-W	98.15	98.59	
		DVP_P4-2:H1T553_SRT-W	103.00	103.38	
		DVP_P4-2:H2T553_SRT-W	103.00	103.38	
		DVP_P4-2:Y1T596_SRT-W	100.18	100.62	
		DVP_P4-5:FARMVILL432_SRT-A	97.90	98.29	
		DVP_P7-1:LN 1041-137_SRT-A	101.70	102.01	
		DVP_P7-1:LN 137-38_SRT-A	97.03	97.31	
		DVP_P7-1:LN 158-235_SRT-A	97.40	97.81	
		DVP_P7-1:LN 2106-2111_SRT-A	97.47	97.74	
		DVP_P7-1:LN 2168-555_SRT-A	97.77	98.10	
		PECO_P1-2.5012_SRT-A/* \$ CHESCO \$ PECO_P1-2.5012 \$ L	103.78	104.27	
		PECO_P4_Peach235_SRT-A/* \$ CHESCO \$ PECO_P4_Peach235 \$ STBK	97.56	98.01	
PECO_P4_Peach245_SRT-A/* \$ CHESCO \$ PECO_P4_Peach245 \$ STBK	97.74	98.23			
PER-RXBOWMAN230_&_PER-OXFORDST230_SRT-W	106.19	106.50			
PERSON230_CB10_SRT-W	105.67	106.00			
PERSON230_CB12_SRT-W	104.86	105.17			
PJM_500_BG_P1_501I_SRT-A		104.65			
PJM_500_BG_P4_5_CNSTN_B_SRT-A	97.52	98.01			
PJM_500_BG_P4_5_CNSTN_C_SRT-A	97.80				
PJM_500_BG_P4_5_CNSTN_J_SRT-A		98.38			
DVP_P1-2:LN 2180_SRT-A	90.28	91.17			
DVP_P1-2:LN 274_SRT-W	111.47	112.70			
DVP_P4-2:203T274_SRT-A	105.11	106.79			
DVP_P4-2:2095T9349_SRT-A	105.48	107.11			
DVP_P4-2:274T2098_SRT-W	105.25	106.23			
DVP_P4-2:274T2130_SRT-W	104.79	105.96			
DVP_P4-2:274T2206_SRT-W	101.29	102.23			
DVP_P4-2:L372180_SRT-W	97.88	99.27			
DVP_P4-4:ASHBUR_SC332_SRT-W	104.79	105.94			
DVP_P1-2:LN 9344_SRT-A	92.67	97.72			
DVP_P4-6:BMARS-TX#1_SRT-A	91.96	96.91			
DVP_P4-6:9344T2_SRT-A		91.86			
DVP_P4-6:9348T1_SRT-A	94.29	98.86			
DVP_P4-6:WISHI_9344T2_SRT-A		91.86			
AP_P1-2:PE-500-407T_SRT-W	90.02				
DVP_P1-2:LN 514_SRT-A	90.02				
DVP_P1-2:LN 227_SRT-A	105.13	104.98			
3139058WSHGSTAR 500 31439066WSHGSTAR 230 1 1	345				
3139116TWINCREKS 230 3142906EDFERRY 230 1 1	345				
3140046ASHBURN 230 3140106BEAMEAD 230 1 1	345				

Monitored Facility	Areas	Scenario	Final IAC %Loading		FG #
			Baseline (WIN)	Proposal Containing the Project (WIN)	
314004 6ASHBURN 230 314072 6PL VIEW 230 1 1	345	Cont N Name			
		DVP_P4-2: 2095T9349 SRT-A	96.36	97.26	
		DVP_P4-2: 227T2130 SRT-W	98.83	98.70	
		DVP_P4-2: 227T2152 SRT-A	91.78	92.02	
		DVP_P4-2: 227T9292 SRT-W	90.20	90.02	
		DVP_P4-2: L1T227 SRT-A	90.02		
		DVP_P4-2: L1T9292 SRT-W	90.88	90.86	
		DVP_P4-4: SC432 SRT-A	98.98	99.37	
		DVP_P1-2: LN 227 SRT-A	107.76	107.85	
		DVP_P4-2: 2095T9349 SRT-A	98.59	99.60	
		DVP_P4-2: 227T2130 SRT-W	101.29	101.38	
		DVP_P4-2: 227T2152 SRT-A	93.71	94.15	
DVP_P4-2: 227T9292 SRT-W	92.42	92.59			
DVP_P4-2: L1T227 SRT-A	92.42	92.49			
DVP_P4-2: L1T9292 SRT-W	93.26	93.38			
DVP_P4-4: SC432 SRT-A	101.00	101.44			
DVP_P1-2: LN 274 SRT-W	109.49	110.72			
DVP_P4-2: 203T274 SRT-A	103.24	104.92			
DVP_P4-2: 2095T9349 SRT-A	103.61	105.24			
DVP_P4-2: 274T2098 SRT-W	103.38	104.37			
DVP_P4-2: 274T2130 SRT-W	102.92	104.09			
DVP_P4-2: L3T2180 SRT-W	96.03	97.44			
DVP_P4-4: ASHBUR SC332 SRT-W	102.92	104.08			
DVP_P1-2: LN 2097 SRT-A	90.58				
DVP_P1-2: LN 9233 SRT-A	98.14	98.52			
DVP_P4-2: 9233V2 SRT-A	92.25	92.61			
DVP_P1-2: LN 207 SRT-A	90.53				
DVP_P4-2: 9290T248 SRT-A	90.36				
DVP_P7-1: LN 207-266 SRT-A	95.06	90.01			
DVP_P7-1: LN 2112-248 SRT-A	90.33				
DVP_P1-2: LN 207 SRT-A	97.05	91.82			
DVP_P1-2: LN 9290 SRT-A	90.44				
DVP_P4-2: 20712 SRT-A	91.15				
DVP_P4-2: 207T281 SRT-A	91.57				
DVP_P4-2: 207T294 SRT-A	91.38				
DVP_P4-2: 251T207 SRT-A	91.68				
DVP_P4-2: 9290T248 SRT-A	96.48	91.57			
DVP_P7-1: LN 2023-248 SRT-A	95.48	90.34			
DVP_P7-1: LN 207-266 SRT-A	101.18	96.04	2022W3-N1-WT169		
DVP_P7-1: LN 2112-248 SRT-A	96.46	91.32			
DVP_P4-2: 250T258 SRT-A	115.74	106.02			
DVP_P7-1: LN 207-266 SRT-A	93.77				
DVP_P7-1: LN 250-258 SRT-A	115.74	106.02			
DVP_P1-2: LN 202 SRT-A	90.38				
DVP_P4-2: 204202 SRT-W	97.65	91.36			
235585 01HARRN120.0 SRT-W	96.15				
235586 01HARRN220.0 SRT-W	96.15				
235587 01HARRN320.0 SRT-W	96.15				
242893 05AMG3 26.0 SRT-W	96.64				
243186 05GVG1 26.0 SRT-W	96.68				
243187 05GVG2 26.0 SRT-W	96.69				
243442 05RKG1 26.0 SRT-W	96.64				
243443 05RKG2 26.0 SRT-W	96.62				
251947 08EBND2 20.0 SRT-W	95.44				
253900 15BVRV1 22.0 SRT-W	96.33				
253901 15BVRV2 22.0 SRT-W	96.33				
AEP_P1-1 #4839_05GAVIN 765 2 SRT-A	96.70				
AEP_P1-1 #4839_05ROCKPT 765 1 SRT-A	96.64				
AEP_P1-1 #4959_05GAVIN 765 1 SRT-A	96.64				

Monitored Facility	Areas	Scenario	Final IAC % Loading		FG #
			Baseline (WIN)	Proposal Containing the Project (WIN)	
		Cont N Name			
		AEP_P1-1_#4965_05AMOS_765_3_SRT-A	96.65		
		AEP_P1-2_#10135_SRT-A	96.64		
		AEP_P1-2_#10136_SRT-A	96.63		
		AEP_P1-2_#17209_SRT-A	95.11		
		AEP_P1-2_#17218_SRT-A	96.44		
		AEP_P1-2_#363_1682_SRT-A	97.61		
		AEP_P1-2_#6188_8931_SRT-A	96.23		
		AEP_P1-2_#7441_100545_SRT-A	95.05		
		AEP_P2-2_#6188_05HANG R 765_1_SRT-A	90.46		
		AEP_P4_#17219_05GUERNSEY 765 A_SRT-A	90.65		
		AEP_P4_#17220_05GUERNSEY 765 B_SRT-A	90.65		
		AEP_P4_#17221_05GUERNSEY 765 C_SRT-A	90.65		
		AEP_P4_#3002_05ROCKPT 765 C2_SRT-A	91.75		
		AEP_P4_#3146_05GAVIN 765 A_SRT-A	90.90		
		AEP_P4_#363_05JEFRSO 765 B1_SRT-A	91.75		
		AEP_P4_#4838_05GAVIN 765 A2_SRT-A	90.90		
		AEP_P4_#5007_05AMOS 765 T1_SRT-A	90.85		
		AEP_P4_#8648_05JEFRSO 765 B_SRT-A	91.75		
		AEP_P4_#9335_05ROCKPT 765 A_SRT-A	90.85		
		AEP_P5_#11280_05ROCK_05ROCK_SRT-A	91.71		
		AP-P5-5-MP-20-01HARRN1_SRT-A	90.38		
		AP-P5-5-MP-20-01HARRN2_SRT-A	90.38		
		AP_P1-1_MP-500-502_SRT-W	96.15		
		AP_P1-1_MP-500-503_SRT-W	96.15		
		AP_P1-1_MP-500-504_SRT-W	96.15		
		AP_P1-2_PE-500-002I_SRT-W	93.52		
		AP_P1-2_PE-500-004_SRT-W	91.06		
		AP_P1-2_PE-500-402AT_SRT-A	90.94		
		AP_P1-2_PE-500-402BT_SRT-A	91.44		
		AP_P1-2_PE-500-404I_SRT-A	91.61		
		AP_P1-2_WP-500-006_SRT-A	91.06		
		AP_P2-3_PE-500-012_SRT-W	90.71		
		AP_P2-3_PE-500-014_SRT-SL	93.70		
		AP_P2-3_PE-500-014_SRT-W	93.70		
		AP_P2-3_WP-500-440I_SRT-A	90.39		
		AP_P2-3_WP-500-706I_SRT-A	90.39		
		AP_P2-3_WP-500-DRT1_SRT-W	90.38		
		AP_P2-3_WP-500-DRT3_SRT-W	90.37		
		ATSI_P1-1_CEI-345-711_SRT-A	96.59		
		ATSI_P1-1_TE-345-601_SRT-A	96.33		
		ATSI_P1-2_OEE-345-882_SRT-A	94.31		
		ATSI_P1-2_OEE-345-883_SRT-A	94.64		
		ATSI_P1-2_OEE-345-884_SRT-A	95.42		
		ATSI_P2-3_TE-345-007_SRT-W	90.55		
		ATSI_P2-3_TE-345-008B_SRT-W	90.55		
		ATSI_P2-3_TE-345-008_SRT-W	90.55		
		Base Case	92.20	95.99	
		COMED_P1-1_BR-1U__S_SRT-A	96.54		
		COMED_P1-1_BR-2U__S_SRT-A	96.52		
		COMED_P1-1_BY-1U__R_SRT-A	96.53		
		COMED_P1-1_BY-2U__R_SRT-A	96.51		
		COMED_P1-1_LA-2U__S_SRT-A	96.50		
		COMED_P4_001-45-BT3-4_SRT-A	90.71		
		COMED_P4_003-45-BT10-11_SRT-A	90.46		
		COMED_P4_004-45-BT10-11_SRT-A	90.56		
		COMED_P4_004-45-BT6-7_SRT-A	90.56		
		COMED_P4_006-45-BT10-11_SRT-A	90.72		

Monitored Facility	Areas	Scenario	Final IAC %Loading		FG #
			Baseline (WIN)	Proposal Containing the Project (WIN)	
		Cont N Name			
		COMED P4_006-45-BT11-12_SRT-A	90.72		
		COMED P4_006-45-BT3-4_SRT-A	90.74		
		COMED P4_006-45-BT4-5_SRT-A	90.74		
		COMED P4_012-45-BT1-2_SRT-A	90.55		
		COMED P4_020-45-BT1-8_SRT-A	90.75		
		COMED P4_020-45-BT10-11_SRT-A	90.73		
		COMED P4_020-45-BT7-8_SRT-A	90.75		
		COMED P4_020-45-BT9-10_SRT-A	90.73		
		COMED P4_900-45-BT8-11_SRT-A	90.38		
		COMED_P7-1_345-L0301_B-S_+345-L0303_R-S_SRT-A	90.46		
		COMED_P7-1_345-L0302_B-S_+345-L0304_R-S_SRT-A	90.16		
		COMED_P7-1_345-L2912_B-S_+345-L2913_R-S_SRT-A	96.34		
		DLC P11_GEN-15BVRV1_SRT-A	96.33		
		DLC P11_GEN-15BVRV2_SRT-A	96.33		
		DVP_P1-2:LN134_SRT-A	95.59		
		DVP_P1-2:LN2079_SRT-A	95.61		
		DVP_P1-2:LN2094_SRT-A	95.54		
		DVP_P1-2:LN2182_SRT-A	95.60		
		DVP_P1-2:LN275_SRT-A	95.60		
		DVP_P1-2:LN535_SRT-A	91.61		
		DVP_P1-2:LN553_SRT-W	95.67		
		DVP_P1-3:BATH3W1_SRT-A	96.41		
		DVP_P1-3:BATH3W3_SRT-A	96.41		
		DVP_P1-3:BATH3W5_SRT-A	96.41		
		DVP_P1-4:8BELMONT_6X4-039GAS_1_SRT-A	95.67	92.76	
		DVP_P1-4:8MOSBY_8MOSBYVC1_1_SRT-A	95.67		
		DVP_P1-4:8MOSBY_8MOSBYVC2_1_SRT-A	95.67		
		DVP_P4-2:53515XX-1_SRT-A	92.67		
		DVP_P4-2:551TB3_SRT-A	93.68		
		DVP_P4-2:551TB4_SRT-A	90.30		
		DVP_P4-3:H1H3_SRT-A	91.31		
		DVP_P7-1:LN535-2114_SRT-W	93.68		
		DVP_P7-1:LN569-2101_SRT-A	93.68		
		DVP_P7-1:LN569-9286-2163_SRT-A	90.13		
		EXT_128842_NEPTCONV_345_128847_NWBRC_345_1_SRT-W	96.15		
		EXT_256002_18CAMPBL_345_256952_CAMPBELL_345_1_SRT-W	96.27		
		EXT_256013_18LUDNGT_345_259701_LUDINGTON_1_345_1_SRT-W	95.62		
		EXT_256013_18LUDNGT_345_259702_LUDINGTON_2_345_2_SRT-W	95.20		
		EXT_256013_18LUDNGT_345_259703_LUDINGTON_3_345_3_SRT-W	95.76		
		EXT_256019_18PALISD_345_256368_18PALISDG_345_71_SRT-W	96.24		
		EXT_348491_7HOLLAND_345_348494_7CONSTUIN_345_Z_SRT-W	95.03		
		EXT_NEPTUNE_SRT-W	96.15		
		EXT_P12:345:ATC:W-29:KITTYHAWK:390_STI:MLL_SRT-W	95.57		
		P2-3-70_SRT-W	94.42		
		P2-3-72_SRT-W	94.46		
		P2-3-74_SRT-W	94.47		
		PECO_P1-2_5012_SRT-A/*_CHESCO_PECO_P1-2_5012_\$L		92.26	
		PJM_500_BG_P1_5011_SRT-A		92.12	
		PJM_500_BG_P1_CCLFG1_SRT-A		93.46	
		Base Case	91.05	91.03	
		242893_05AMG3_26.0_SRT-W	91.00		
		243186_05GVG1_26.0_SRT-W	91.04		
		243187_05GVG2_26.0_SRT-W	91.05		
		243442_05RKG1_26.0_SRT-W	91.00		
		243443_05RKG2_26.0_SRT-W	90.99		
		AEP_P1-1_#4839_05ROCKPT765_1_SRT-A	91.01		
		AEP_P1-1_#4959_05GAVIN765_1_SRT-A	91.00		
314074_6POSSUM	230_315009_1POSSM6B	18.0_1_1			
314074_6POSSUM	230_315010_1POSSM6S	18.0_1_1			

Monitored Facility	Areas	Scenario	Final IAC %Loading		FG #
			Baseline (WIN)	Proposal Containing the Project (WIN)	
314085 BREMNGCT 230 315023 1REMNGT3 18.0 1.1	345	Cont N Name			
		AEP_P1-1_#4965_05AMOS_765_3_SRT-A	91.01		
		AEP_P1-2_#10135_SRT-A	91.00		
		AEP_P1-2_#10136_SRT-A	90.99		
		AEP_P1-2_#17218_SRT-A	90.82	91.81	
		AEP_P1-2_#363_1682_SRT-A	91.89	90.03	
		Base Case			
		COMED_P1-1_BR-1U__S_SRT-A	90.88		
		COMED_P1-1_BR-2U__S_SRT-A	90.43		
		COMED_P1-1_BY-1U__R_SRT-A	90.15		
		COMED_P1-1_BY-2U__R_SRT-A	90.04		
		COMED_P1-1_LA-2U__S_SRT-A	90.04		
		AEP_P1-2_#363_1682_SRT-A	93.57		
		AP_P1-2_PE-500-002T_SRT-W	94.97		
		AP_P1-2_PE-500-004_SRT-W		94.97	
		AP_P1-2_PE-500-402AT_SRT-A		94.97	
		AP_P1-2_PE-500-402BT_SRT-A	94.97		
		AP_P1-2_PE-500-404T_SRT-A	94.97		
		AP_P1-2_PE-500-407T_SRT-W	94.97		
		AP_P1-2_WP-500-006_SRT-A		94.97	
		AP_P1-2_WP-500-007_SRT-A	94.30		
		AP_P1-2_WP-500-DRT10_SRT-W	94.30		
		AP_P1-4_PE-500-009A_SRT-A	94.97		
		Base Case			
		DVP_P1-2: KYSER 230KV CAP 1_SRT-A	92.18	91.29	
		DVP_P1-2: LN 514_SRT-A	94.97		
		DVP_P1-2: LN 535_SRT-A	94.97		
		DVP_P1-2: LN 553_SRT-W	94.97	93.33	
		DVP_P1-2: LN 568_SRT-W	94.97		
		DVP_P1-2: LN 582_SRT-A	95.89		
		DVP_P1-2: LN 594_SRT-W	94.97		
		DVP_P1-2: LN 7135_SRT-A	95.18		
		DVP_P1-2: LN 7153_SRT-A	95.17		
		DVP_P1-3: 8NO ANNA-GSU-1_SRT-A	94.85		
		DVP_P1-3: 8NO ANNA-GSU-2_SRT-A	94.45		
		DVP_P1-4: 8BELMONT_6X4-039GAS_1_SRT-A	95.46		
		DVP_P1-4: 8MORRIS_1_8MORRISVL_1_SRT-A	94.97		
		DVP_P4-1: WARREN G1542_SRT-A	90.14		
		ME_P1-2_ME-500-004T_SRT-A	94.48		
		PECO_P1-1_PEACH-U2_SRT-A/* \$ CHESCO \$ PECO P1-1_PEACH-U2 \$ U	94.63		
PECO_P1-1_PEACH-U3_SRT-A/* \$ CHESCO \$ PECO P1-1_PEACH-U3 \$ U	94.67				
PECO_P1-2_5012_SRT-A/* \$ CHESCO \$ PECO P1-2_5012 \$ L	94.97				
PECO_P1-3_LIMER-GSU2_SRT-A/* \$ MONTCO \$ PECO P1-3_LIMER-GSU2 \$ T	94.18				
PECO_P1-3_PEACH-GSU2_SRT-A/* \$ CHESCO \$ PECO P1-3_PEACH-GSU2 \$ T	94.67				
PECO_P1-3_PEACH-GSU3_SRT-A/* \$ CHESCO \$ PECO P1-3_PEACH-GSU3 \$ T	94.71				
PJM500_PS_P1-1_HOPC_G1_SRT-A	94.30				
PJM500_PS_P1-2_GEN1-GSA_SRT-A	94.26				
PJM500_PS_P1-2_GEN2-GSA-WIN_SRT-W	94.24				
PJM500_PS_P1-2_GHC-GSA-SUM_SRT-A	94.32				
PJM_500_BG_P1_501I_SRT-A		93.35			
PJM_500_BG_P1_CCLFG1_SRT-A	95.55				
PJM_500_BG_P1_CCLFG2_SRT-A	95.53				
PL_08_P11_000793_SRT-A	94.20				
PL_08_P11_001446_SRT-A	94.20				
PL_08_P11_001447_SRT-A	94.20				
PL_40_P11_001448_SRT-A	94.19				
PL_40_P11_001449_SRT-A	94.19				
PN_P1-2_PN-500-010T_SRT-A	94.97				
AP_P1-2_PE-500-002T_SRT-W	91.40				

Monitored Facility	Areas	Scenario	Final IAC % Loading		FG #
			Baseline (WIN)	Proposal Containing the Project (WIN)	
3144976LDYSMITH CT 230 315040.1LDYSMT4 18.0 1.1		Cont N Name			
		AP_P1-2_PE-500-004_SRT-W	91.40	91.40	91.40
		AP_P1-2_PE-500-400T_SRT-A			
		AP_P1-2_PE-500-402AT_SRT-A			
		AP_P1-2_PE-500-402BT_SRT-A	91.40	91.40	91.40
		AP_P1-2_PE-500-404T_SRT-A	91.40	91.40	90.39
		AP_P1-2_PE-500-407T_SRT-W	91.40	91.40	91.40
		AP_P1-2_WP-500-006_SRT-A			
		DVP_P1-1:G-1_1LDYSMT1_SRT-A	91.49		
		DVP_P1-1:G-1IN_ANN1A1_SRT-A	91.99		
		DVP_P1-1:G-2IN_ANN2A2_SRT-A	91.60		
		DVP_P1-2:LN_2032_SRT-W			91.36
		DVP_P1-2:LN_514_SRT-A	91.40		
		DVP_P1-2:LN_535_SRT-A	91.40		90.39
		DVP_P1-2:LN_581_SRT-W	91.40		
		DVP_P1-2:LN_592_SRT-A	92.25		90.77
		DVP_P1-3:6LDYSMITH_CT_GSU-1_SRT-A	91.49		
		DVP_P1-3:8NO_ANN1A-GSU-1_SRT-A	91.99		90.03
		DVP_P1-3:8NO_ANN1A-GSU-2_SRT-A	91.66		
		DVP_P1-4:8BELMONT_6X4-039GAS_1_SRT-A	91.86		
		PECO_P1-1_PEACH-U2_SRT-A/* \$ CHESCO \$ PECO_P1-1_PEACH-U2 \$ U	91.43		
		PECO_P1-1_PEACH-U3_SRT-A/* \$ CHESCO \$ PECO_P1-1_PEACH-U3 \$ U	91.48		
		PECO_P1-2_5012_SRT-A/* \$ CHESCO \$ PECO_P1-2_5012 \$ L	91.40		
		PECO_P1-3_PEACH-GSU2_SRT-A/* \$ CHESCO \$ PECO_P1-3_PEACH-GSU2 \$ T	91.50		
		PECO_P1-3_PEACH-GSU3_SRT-A/* \$ CHESCO \$ PECO_P1-3_PEACH-GSU3 \$ T	91.54		
		PJM500_PS_P1-2_GHC-GSA-SUM_SRT-A	91.10		
		PJM_500_BG_P1_5011_SRT-A			90.30
		PJM_500_BG_P1_CCLFG1_SRT-A	91.94		
		PJM_500_BG_P1_CCLFG2_SRT-A	91.92		
		PN_P1-2_PN-500-010T_SRT-A	91.40		
		AP_P1-2_PE-500-004_SRT-W			90.09
		AP_P1-2_PE-500-402AT_SRT-A			90.09
		AP_P1-2_PE-500-402BT_SRT-A			90.09
AP_P1-2_PE-500-404T_SRT-A			90.09		
AP_P1-2_WP-500-006_SRT-A			90.09		
DVP_P1-1:G-1IN_ANN1A1_SRT-A			90.15		
DVP_P1-2:LN_2032_SRT-W			90.04		
DVP_P1-2:LN_535_SRT-A			90.09		
DVP_P1-2:LN_592_SRT-A			90.92		
DVP_P1-3:8NO_ANN1A-GSU-1_SRT-A			90.09		
PJM_500_BG_P1_5011_SRT-A			90.09		
AP_P1-2_PE-500-004_SRT-W			91.42		
AP_P1-2_PE-500-402AT_SRT-A			91.42		
AP_P1-2_PE-500-402BT_SRT-A			91.42		
AP_P1-2_PE-500-404T_SRT-A			90.79		
AP_P1-2_WP-500-006_SRT-A			91.42		
DVP_P1-1:G-1_1LDYSMT1_SRT-A	91.52				
DVP_P1-1:G-1IN_ANN1A1_SRT-A	92.02		90.41		
DVP_P1-1:G-2IN_ANN2A2_SRT-A	92.00		90.15		
DVP_P1-1:G-3_1LDYSMT3_SRT-A	91.52				
DVP_P1-2:LN_2032_SRT-W			91.38		
DVP_P1-2:LN_535_SRT-A			90.79		
DVP_P1-2:LN_592_SRT-A	92.28				
DVP_P1-3:8NO_ANN1A-GSU-1_SRT-A	92.01		91.18		
DVP_P1-3:8NO_ANN1A-GSU-2_SRT-A	92.01		90.45		
DVP_P1-4:8BELMONT_6X4-039GAS_1_SRT-A	91.88		90.17		
PECO_P1-1_PEACH-U2_SRT-A/* \$ CHESCO \$ PECO_P1-1_PEACH-U2 \$ U	91.84		90.03		
PECO_P1-1_PEACH-U3_SRT-A/* \$ CHESCO \$ PECO_P1-1_PEACH-U3 \$ U	91.88				
PECO_P1-2_5012_SRT-A/* \$ CHESCO \$ PECO_P1-2_5012 \$ L	91.88		90.21		

Monitored Facility	Areas	Scenario	Final IAC % Loading		FG #
			Baseline (WIN)	Proposal Containing the Project (WIN)	
314289 6DARBYTN 230 315067 1DARBY1 13.8 1 1	345	Cont N Name			
		PECO_P1-3 PEACH-GSU2_SRT-A/* \$ CHESCO \$ PECO P1-3 PEACH-GSU2 \$ T	91.91		
		PECO_P1-3 PEACH-GSU3_SRT-A/* \$ CHESCO \$ PECO P1-3 PEACH-GSU3 \$ T	91.95		
		PJM500_PS_P1-2_GHC-GSA-SUM_SRT-A	91.50		
		PJM_500_BG_P1_5011_SRT-A	90.71		
		PJM_500_BG_P1_CCLFG1_SRT-A	90.18		
		PJM_500_BG_P1_CCLFG2_SRT-A	90.13		
		Base Case	104.32		
		DVP_P1-2: LN 2053_SRT-A	101.76		
		DVP_P4-2: 205362_SRT-A	95.65		
		DVP_P4-2: G34T2053_SRT-A	95.96		
		DVP_P4-2: H9T2053_SRT-A	95.65		
DVP_P7-1: LN 2053-284_SRT-A	95.88				
Base Case	106.77				
DVP_P1-2: LN 2053_SRT-A	101.87				
DVP_P4-2: 205362_SRT-A	95.76				
DVP_P4-2: G34T2053_SRT-A	96.07				
DVP_P4-2: H9T2053_SRT-A	95.76				
DVP_P7-1: LN 2053-284_SRT-A	95.99				
Base Case	104.43				
DVP_P1-2: LN 2053_SRT-A	102.42				
DVP_P4-2: 205362_SRT-A	96.10				
DVP_P4-2: H9T2053_SRT-A	96.10				
DVP_P7-1: LN 2053-284_SRT-A	96.13				
Base Case	104.52				
DVP_P1-2: LN 2053_SRT-A	102.34				
DVP_P4-2: 205362_SRT-A	96.21				
DVP_P4-2: H9T2053_SRT-A	96.24				
DVP_P7-1: LN 2053-284_SRT-A	96.24				
DVP_P1-2: LN 205_SRT-A	95.79				
DVP_P4-2: 20512_SRT-A	90.04				
DVP_P4-2: 2051217_SRT-A	90.18				
DVP_P7-1: LN 2003-205_SRT-A	101.90				
Base Case	101.90				
DVP_P1-1: G-1 1SURRY 1_SRT-A	104.87				
DVP_P1-3: 6SURRY-GSU-1_SRT-A	104.87				
DVP_P4-1: G102_SRT-A	98.57				
DVP_P4-2: G1T240_SRT-A	98.58				
Base Case	103.20				
DVP_P1-1: G-1 1SURRY 1_SRT-A	106.11				
DVP_P1-3: 6SURRY-GSU-1_SRT-A	106.11				
DVP_P4-1: G102_SRT-A	99.73				
DVP_P4-2: G1T240_SRT-A	99.74				
Base Case	101.84				
Base Case	103.03				
DVP_P1-1: G-1 1SURRY 1_SRT-A	105.20				
DVP_P1-3: 6SURRY-GSU-1_SRT-A	105.20				
DVP_P4-1: G102_SRT-A	98.88				
DVP_P4-2: G1T240_SRT-A	98.89				
242893 05AMG3 26.0_SRT-W	94.38				
243186 05GVG1 26.0_SRT-W	94.42				
243187 05GVG2 26.0_SRT-W	94.43				
243442 05RKG1 26.0_SRT-W	94.37				
243443 05RKG2 26.0_SRT-W	94.36				
AEP_P1-1_#4838_05GAVIN 765_2_SRT-A	94.44				
AEP_P1-1_#4839_05ROCKPT 765_1_SRT-A	94.38				
AEP_P1-1_#4840_05ROCKPT 765_2_SRT-A	94.32				
AEP_P1-1_#4965_05AMOS 765_3_SRT-A	94.39				
AEP_P1-2_#10135_SRT-A	94.36				

Monitored Facility	Areas	Scenario	Final IAC %Loading		FG #
			Baseline (WIN)	Proposal Containing the Project (WIN)	
314686 6CLOVER	230 315154 1CLOVER2 24.0 1.1	Cont N Name			
		AEP_P1-2_#10136_SRT-A	94.35	94.30	
		AEP_P1-2_#363_1682_SRT-A	95.48	95.45	
		Base Case	93.24	93.23	
		DVP_P1-2:LN 556_SRT-A	95.68	95.66	
		DVP_P1-2:LN 596_SRT-A	94.41	94.44	
		DVP_P1-4:6PERSON230 T AC2-100TAP 1_SRT-A	94.44	94.46	
		DVP_P4-1:CLOVER6212_SRT-A	90.12	90.05	
		DVP_P4-5:G2TL9_SRT-A	90.08	90.01	
		242893 05AMG3 26.0_SRT-W	93.50	93.45	
		243186 05GVG1 26.0_SRT-W	93.53	93.48	
		243187 05GVG2 26.0_SRT-W	93.55	93.50	
		243442 05RKG1 26.0_SRT-W	93.49	93.45	
		243443 05RKG2 26.0_SRT-W	93.48	93.43	
		AEP_P1-1_#4838_05GAVIN 765 2_SRT-A	93.56	93.51	
		AEP_P1-1_#4839_05ROCKPT 765 1_SRT-A	93.50	93.45	
		AEP_P1-1_#4840_05ROCKPT 765 2_SRT-A	93.48	93.44	
		AEP_P1-1_#4965_05AMOS 765 3_SRT-A	93.51	93.46	
		AEP_P1-2_#10135_SRT-A	93.48	93.43	
		AEP_P1-2_#10136_SRT-A	93.46	93.42	
		AEP_P1-2_#363_1682_SRT-A	94.59	94.56	
		Base Case	92.37	92.35	
		DVP_P1-2:LN 556_SRT-A	94.80	94.78	
		DVP_P1-2:LN 596_SRT-A	93.53	93.57	
		DVP_P1-4:6CLOVER 1_6CLOVER 1_SRT-A	94.34	94.41	
		DVP_P1-4:6PERSON230 T AC2-100TAP 1_SRT-A	93.56	93.58	
		DVP_P4-2:509T570_SRT-A	91.63	91.66	
		DVP_P4-2:G1T2068_SRT-A	90.53	90.56	
		AP_P1-2_PE-500-002T_SRT-W	90.17		
		AP_P1-2_PE-500-004_SRT-W		93.40	
		AP_P1-2_PE-500-400T_SRT-A	90.33		
		AP_P1-2_PE-500-402AT_SRT-A		91.33	
		AP_P1-2_PE-500-402BT_SRT-A	94.52	90.45	
AP_P1-2_PE-500-404T_SRT-A	92.48				
AP_P1-2_WP-500-006_SRT-A		93.40			
DVP_P1-2:LN 534_SRT-W	93.90	92.99			
DVP_P1-2:LN 535_SRT-A	92.48				
DVP_P1-2:LN 541_SRT-W	90.15				
DVP_P1-2:LN 548_SRT-W	91.52				
DVP_P1-2:LN 550_SRT-W	90.68				
DVP_P1-2:LN 553_SRT-W	95.17	95.17			
DVP_P1-2:LN 592_SRT-A	92.30				
DVP_P1-2:LN 7132_SRT-A	93.38	90.57			
PECO_P1-2_5012_SRT-A/* \$ CHESCO \$ PECO_P1-2_5012 \$ L	92.41				
PJM 500_BG P1 5011_SRT-A		90.04			
AP_P1-2_MP-500-026T_SRT-A	90.12				
AP_P1-2_MP-500-028_SRT-W	90.12				
AP_P1-2_PE-500-002T_SRT-W	90.56				
AP_P1-2_PE-500-003_SRT-A	90.12				
AP_P1-2_PE-500-004_SRT-W		93.77			
AP_P1-2_PE-500-400T_SRT-A	90.72				
AP_P1-2_PE-500-402AT_SRT-A		91.71			
AP_P1-2_PE-500-402BT_SRT-A	94.89	90.83			
AP_P1-2_PE-500-404T_SRT-A	92.86				
AP_P1-2_WP-500-006_SRT-A		93.77			
AP_P2-3_PE-500-014_SRT-SL	91.09	91.09			
DVP_P1-2:LN 534_SRT-W	94.27	93.37			
DVP_P1-2:LN 535_SRT-A	92.86				
314745 6LOISACT	230 315172 1LOISAA 13.8 1.1				
314745 6LOISACT	230 315173 1LOISAB 13.8 1.1				

Monitored Facility	Areas	Scenario	Final IAC % Loading		FG #
			Baseline (WIN)	Proposal Containing the Project (WIN)	
314745 6LOISACT 230 315174 ALOISA C 13.8 1.1	345	Cont Name			
		DVP_P1-2: LN 541_SRT-W	90.54		
		DVP_P1-2: LN 548_SRT-W	91.91	90.34	
		DVP_P1-2: LN 550_SRT-W	91.07		
		DVP_P1-2: LN 553_SRT-W	96.90	96.90	
		DVP_P1-2: LN 574_SRT-W	90.04		
		DVP_P1-2: LN 592_SRT-A	92.68	90.16	
		DVP_P1-2: LN 7132_SRT-A	93.76	90.96	
		DVP_P4-2: 534T564_SRT-W	91.09	91.09	
		DVP_P4-2: 542T553_SRT-W	91.09	91.09	
		DVP_P4-2: 551TB3_SRT-A	91.09	91.09	
		DVP_P4-2: 553T564_SRT-W	91.09	91.09	
		DVP_P4-2: H1T553_SRT-W	91.09	91.09	
		DVP_P4-2: H2T553_SRT-W	91.09	91.09	
		PECO_P1-2_5012_SRT-A/* \$ CHESCO \$ PECO P1-2_5012 \$ L	92.79		
		PJM_500_BG_P1_5011_SRT-A		90.43	
		AP_P1-2_MP-500-026T_SRT-A	90.12		
		AP_P1-2_MP-500-026_SRT-W	90.12		
		AP_P1-2_PE-500-002T_SRT-W	90.56		
		AP_P1-2_PE-500-003_SRT-A	90.12		
		AP_P1-2_PE-500-004_SRT-W		93.77	
		AP_P1-2_PE-500-400T_SRT-A	90.72		
		AP_P1-2_PE-500-402AT_SRT-A		91.71	
		AP_P1-2_PE-500-402BT_SRT-A	94.89	90.83	
		AP_P1-2_PE-500-404T_SRT-A	92.86		
		AP_P1-2_WP-500-006_SRT-A		93.77	
		AP_P2-3_PE-500-014_SRT-SL	91.40		
		AP_P2-3_PE-500-014_SRT-W	91.40		
		DVP_P1-2: LN 534_SRT-W	94.27	93.37	
		DVP_P1-2: LN 535_SRT-A	92.86		
		DVP_P1-2: LN 541_SRT-W	90.54		
		DVP_P1-2: LN 548_SRT-W	91.91	90.34	
		DVP_P1-2: LN 550_SRT-W	91.07		
DVP_P1-2: LN 553_SRT-W	97.24	97.24			
DVP_P1-2: LN 574_SRT-W	90.04				
DVP_P1-2: LN 592_SRT-A	92.68	90.16			
DVP_P1-2: LN 7131_SRT-A	93.77	90.96			
DVP_P4-2: 534T564_SRT-W	91.40	91.39			
DVP_P4-2: 542T553_SRT-W	91.40	91.40			
DVP_P4-2: 551TB3_SRT-A	91.40	91.40			
DVP_P4-2: 553T564_SRT-W	91.40	91.40			
DVP_P4-2: H1T553_SRT-W	91.40	91.40			
DVP_P4-2: H2T553_SRT-W	91.40	91.40			
PECO_P1-2_5012_SRT-A/* \$ CHESCO \$ PECO P1-2_5012 \$ L	92.79				
PJM_500_BG_P1_5011_SRT-A		90.43			
AP_P1-2_MP-500-026T_SRT-A	90.12				
AP_P1-2_MP-500-026_SRT-W	90.12				
AP_P1-2_PE-500-002T_SRT-W	90.56				
AP_P1-2_PE-500-003_SRT-A	90.12				
AP_P1-2_PE-500-004_SRT-W		93.77			
AP_P1-2_PE-500-400T_SRT-A	90.72				
AP_P1-2_PE-500-402AT_SRT-A		91.71			
AP_P1-2_PE-500-402BT_SRT-A	94.89	90.83			
AP_P1-2_PE-500-404T_SRT-A	92.86				
AP_P1-2_WP-500-006_SRT-A		93.77			
DVP_P1-2: LN 534_SRT-W	94.27	93.37			
DVP_P1-2: LN 535_SRT-A	92.86				
DVP_P1-2: LN 541_SRT-W	90.54				
DVP_P1-2: LN 548_SRT-W	91.91	90.34			
DVP_P1-2: LN 550_SRT-W	91.07				
DVP_P1-2: LN 553_SRT-W	97.24	97.24			
DVP_P1-2: LN 574_SRT-W	90.04				
DVP_P1-2: LN 592_SRT-A	92.68	90.16			
DVP_P1-2: LN 7131_SRT-A	93.77	90.96			
DVP_P4-2: 534T564_SRT-W	91.40	91.39			
DVP_P4-2: 542T553_SRT-W	91.40	91.40			
DVP_P4-2: 551TB3_SRT-A	91.40	91.40			
DVP_P4-2: 553T564_SRT-W	91.40	91.40			
DVP_P4-2: H1T553_SRT-W	91.40	91.40			
DVP_P4-2: H2T553_SRT-W	91.40	91.40			
PECO_P1-2_5012_SRT-A/* \$ CHESCO \$ PECO P1-2_5012 \$ L	92.79				
PJM_500_BG_P1_5011_SRT-A		90.43			
AP_P1-2_MP-500-026T_SRT-A	90.12				
AP_P1-2_MP-500-026_SRT-W	90.12				
AP_P1-2_PE-500-002T_SRT-W	90.56				
AP_P1-2_PE-500-003_SRT-A	90.12				
AP_P1-2_PE-500-004_SRT-W		93.77			
AP_P1-2_PE-500-400T_SRT-A	90.72				
AP_P1-2_PE-500-402AT_SRT-A		91.71			
AP_P1-2_PE-500-402BT_SRT-A	94.89	90.83			
AP_P1-2_PE-500-404T_SRT-A	92.86				
AP_P1-2_WP-500-006_SRT-A		93.77			
DVP_P1-2: LN 534_SRT-W	94.27	93.37			
DVP_P1-2: LN 535_SRT-A	92.86				
DVP_P1-2: LN 541_SRT-W	90.54				
DVP_P1-2: LN 548_SRT-W	91.91	90.34			

Monitored Facility	Areas	Scenario	Final IAC %Loading		FG #
			Baseline (WIN)	Proposal Containing the Project (WIN)	
314749 6CHARLVL 230 314772 6PROFRT 230 1 1	345	Cont N Name			
		DVP_P1-2: LN 550 SRT-W	91.07		
		DVP_P1-2: LN 553 SRT-W	95.01		95.01
		DVP_P1-2: LN 574 SRT-W	90.04		
		DVP_P1-2: LN 592 SRT-A	92.68		90.16
		DVP_P1-2: LN 7131 SRT-A	93.77		90.96
		PECO P1-2 5012 SRT-A/* \$ CHESCO \$ PECO P1-2 5012 \$ L	92.79		
		PJM_500_BG_P1_5011 SRT-A			90.43
		DVP_P1-2: LN 553 SRT-W	93.24		95.84
		DVP_P4-2: H17553 SRT-W			90.14
		DVP_P4-2: H21553 SRT-W			90.14
		242891 05AMG1 26.0 SRT-W	96.13		
		242892 05AMG2 26.0 SRT-W	96.13		
		242893 05AMG3 26.0 SRT-W	96.38		96.34
		242894 05MTG1 26.0 SRT-W			96.22
		243441 05CKG2 26.0 SRT-W	96.29		
		243442 05RRG1 26.0 SRT-W			96.31
		243443 05RKG2 26.0 SRT-W	96.14		96.30
		246895 05VAC1 23.0 SRT-W			96.29
		251947 08EBND2 20.0 SRT-W			96.23
251951 08M.FRT8 22.0 SRT-W	91.37				
251951 08M.FRT8 22.0 SRT-W	91.37		96.17		
AEP_P1-1_#4833_05AMOS 765 1 SRT-A			96.44		
AEP_P1-1_#4834_05AMOS 345 2 SRT-A			96.45		
AEP_P1-1_#4838_05GAVIN 765 2 SRT-A	96.21				
AEP_P1-1_#4839_05ROCKPT 765 1 SRT-A	96.56				
AEP_P1-1_#4851_05COOK 345 1 SRT-A			96.39		
AEP_P1-1_#4852_05COOK 765 2 SRT-A	96.27		96.53		
AEP_P1-1_#4959_05GAVIN 765 1 SRT-A	96.14				
AEP_P1-1_#4965_05AMOS 765 3 SRT-A	96.24		96.35		
AEP_P1-2_#10135 SRT-A	93.19		93.33		
AEP_P1-2_#10136 SRT-A	93.35		93.32		
AEP_P1-2_#17209 SRT-A	91.42				
AEP_P1-2_#17218 SRT-A	96.07		96.31		
AEP_P1-2_#311 5 SRT-A	92.57				
AEP_P1-2_#6188_8931 SRT-A	96.05		96.38		
AEP_P1-3_#7421_05CLOVRD 765 14 SRT-A	91.10		96.03		
AEP_P2-2_#6188_05HANG R 765 1 SRT-A	90.29		90.60		
AEP_P4_#11110_051.FERR 765 C1 SRT-A	90.27		90.51		
AEP_P4_#17219_05GUERNSEY 765 A SRT-A	90.23		90.39		
AEP_P4_#17220_05GUERNSEY 765 B SRT-A	90.21		90.37		
AEP_P4_#17221_05GUERNSEY 765 C SRT-A			90.37		
AEP_P4_#2831_05AMOS 345 K1 SRT-A			90.66		
AEP_P4_#2832_05AMOS 765 S SRT-A			90.76		
AEP_P4_#3179_05ROCKPT 765 A1 SRT-A	90.77				
AEP_P4_#4851_05COOK 345 O1 SRT-A			90.61		
AEP_P4_#5007_05AMOS 765 T1 SRT-A	90.46				
AEP_P4_#5012_05AMOS 765 S1 SRT-A			90.66		
AEP_P4_#7394_05COOK 765 A2 SRT-A	90.53				
AEP_P4_#7395_05COOK 765 A1 SRT-A	90.53				
AEP_P4_#7396_05COOK 765 B SRT-A	90.30		90.75		
AEP_P4_#9173_05BROADF 765 P SRT-A			90.49		
AEP_P4_#9335_05ROCKPT 765 A SRT-A	90.77		90.49		
AEP_P5_#11283_05TANN 05TANN SRT-A			90.48		
AP_P1-2_MP-500-026T SRT-A			92.87		
AP_P1-2_MP-500-026 SRT-W			92.87		
AP_P1-2_PE-500-003 SRT-A			92.87		
AP_P1-2_WP-500-005A SRT-A	91.32				

Monitored Facility	Areas	Scenario	Final IAC %Loading		FG #
			Baseline (WIN)	Proposal Containing the Project (WIN)	
		Cont N Name			
		AP_P1-2_WP-500-008_SRT-A	91.35		
		AP_P1-2_WP-500-DR121_SRT-W	91.32		
		ATSI_P1-1_CEI-345-711_SRT-A	91.47		
		ATSI_P1-1_TE-345-601_SRT-A	91.17	96.14	
		ATSI_P2-3_TE-345-007_SRT-W		90.34	
		ATSI_P2-3_TE-345-008B_SRT-W		90.35	
		ATSI_P2-3_TE-345-008_SRT-W		90.37	
		B-500-96_SRT-W		96.11	
		Base Case		95.21	
		COMED_P1-1_BR-1U_S_SRT-A	96.30	96.10	
		COMED_P1-1_BR-2U_S_SRT-A	96.27		
		COMED_P1-1_BY-1U_R_SRT-A	96.27	96.09	
		COMED_P1-1_BY-2U_R_SRT-A	96.24		
		COMED_P1-1_LA-2U_S_SRT-A	96.24		
		COMED_P1-1_PO-5U_S_SRT-A		96.26	
		COMED_P1-1_PO-6U_S_SRT-A		96.26	
		COMED_P1-1_QC-1U_R_SRT-A		96.33	
		COMED_P4_001-45-BT2-3_SRT-A	90.46		
		COMED_P4_001-45-BT3-4_SRT-A	90.46		
		COMED_P4_003-45-BT1-2_SRT-A		90.53	
		COMED_P4_003-45-BT10-11_SRT-A		90.48	
		COMED_P4_003-45-BT2-3_SRT-A		90.47	
		COMED_P4_003-45-BT9-10_SRT-A		90.53	
		COMED_P4_004-45-BT10-11_SRT-A	90.25	90.16	
		COMED_P4_004-45-BT7-8_SRT-A		90.55	
		COMED_P4_006-45-BT11-12_SRT-A	90.47		
		COMED_P4_006-45-BT3-4_SRT-A	90.50		
		COMED_P4_006-45-BT4-5_SRT-A	90.49		
		COMED_P4_012-45-BT1-7_SRT-A	90.27		
		COMED_P4_012-45-BT9-10_SRT-A		90.15	
		COMED_P4_020-45-BT1-8_SRT-A	90.52	90.33	
		COMED_P4_020-45-BT10-11_SRT-A	90.50	90.32	
		COMED_P4_020-45-BT7-8_SRT-A	90.52	90.33	
		COMED_P4_020-45-BT9-10_SRT-A	90.50	90.32	
		COMED_P4_900-45-BT8-11_SRT-A		90.46	
		COMED_P7-1_345-L0301_B-S + 345-L0303_R-S_SRT-A		90.48	
		COMED_P7-1_345-L0302_B-S + 345-L0304_R-S_SRT-A		90.53	
		COMED_P7-1_345-L2912_B-S + 345-L2913_R-S_SRT-A		90.44	
		DEOK_P1_EAST BEND 345/20 TB2_SRT-A	91.46	96.22	
		DEOK_P1_MIAMI FORT 345/22 TB7_SRT-A	91.37		
		DEOK_P1_MIAMI FORT 345/22 TB8_SRT-A	91.37		
		DEOK_P5_EAST BEND 345BUS1+RELAYFAIL_SRT-A		90.45	
		DEOK_P7_4512EBTANNERS4516TERMINALEB_SRT-A		90.45	
		DVP_P1-1: G-3 1BATH_3C_SRT-SW	95.87		
		DVP_P1-1: G-4 1BATH_4D_SRT-SW	91.02	95.99	
		DVP_P1-1: G-5 1BATH_5E_SRT-SW	95.87	96.01	
		DVP_P1-1: G-6 1BATH_6F_SRT-SW	91.16	96.03	
		DVP_P1-2: LN 117_SRT-A	91.89	96.82	
		DVP_P1-2: LN 183_SRT-A		96.14	
		DVP_P1-2: LN 2008_SRT-A	91.18	96.19	
		DVP_P1-2: LN 2094_SRT-A	91.52		
		DVP_P1-2: LN 2161_SRT-A	96.31	96.44	
		DVP_P1-2: LN 2196_SRT-A		96.18	
		DVP_P1-3: 8NO ANNA-GSU-2_SRT-A		92.91	
		DVP_P1-3: BATH 3W1_SRT-A	96.21		
		DVP_P1-3: BATH 3W3_SRT-A	95.85	96.18	
		DVP_P1-3: BATH 3W5_SRT-A	92.84		
		DVP_P2-2: VALLEYB3_SRT-A		90.78	

Monitored Facility	Areas	Scenario	Final IAC %Loading		FG #
			Baseline (WIN)	Proposal Containing the Project (WIN)	
		Cont N Name			
		DVP_P4-2: 2008T2045_SRT-A	90.40	90.40	
		DVP_P4-2: 2008Y2_SRT-A	90.42	90.42	
		DVP_P4-2: 2094T2140_SRT-A	90.39	90.39	
		DVP_P4-2: 210912-3_SRT-W	90.93	90.93	
		DVP_P4-2: 2116T2130_SRT-W	90.33	90.33	
		DVP_P4-2: 2161T2174_SRT-A	90.44	90.44	
		DVP_P4-2: 2161T2182_SRT-A	90.44	90.44	
		DVP_P4-2: 2161T2222_SRT-A	90.58	90.58	
		DVP_P4-2: 2196T2243_SRT-A	90.41	90.41	
		DVP_P4-2: 265T2008_SRT-A	90.55	90.55	
		DVP_P4-2: 29312-3_SRT-A	92.81	92.81	
		DVP_P4-2: L3T203_SRT-W	90.37	90.37	
		DVP_P4-2: Y72196_SRT-A	90.41	90.41	
		DVP_P4-3: WAXPOOL_H122_SRT-A	90.40	90.40	
		DVP_P4-4: PLEASAS_C322_SRT-W	90.56	90.56	
		DVP_P4-4: VALLEY_SRI12_SRT-A	90.78	90.78	
		DVP_P7-1: LN 11-2199_SRT-A	90.48	90.48	
		DVP_P7-1: LN 183-2101_SRT-A	90.45	90.45	
		DVP_P7-1: LN 2008-2043_SRT-A	90.42	90.42	
		DVP_P7-1: LN 2008-2107_SRT-A	90.41	90.41	
		DVP_P7-1: LN 2008-2173_SRT-A	90.41	90.41	
		DVP_P7-1: LN 2008-265_SRT-A	90.44	90.44	
		DVP_P7-1: LN 2062-2079_SRT-A	90.29	90.29	
		DVP_P7-1: LN 2064-2073_SRT-W	90.38	90.38	
		DVP_P7-1: LN 2066-219_SRT-W	90.44	90.44	
		DVP_P7-1: LN 2066-282_SRT-W	90.44	90.44	
		DVP_P7-1: LN 2090-256_SRT-W	90.44	90.44	
		DVP_P7-1: LN 2161-2174_SRT-A	90.44	90.44	
		DVP_P7-1: LN 219-282_SRT-A	90.44	90.44	
		DVP_P7-1: LN 2276-2199_SRT-A	90.42	90.42	
		DVP_P7-1: LN 70-2199_SRT-A	90.60	90.60	
		DVP_P7-1: LN 70-2245_SRT-A	90.43	90.43	
		DVP_P7-1: LN 9285-2176_SRT-A	90.30	90.30	
		EXT_128842_NEPTCQV_345_128847_NWBGR_345_1_SRT-W	91.09	91.09	
		EXT_249521_08SUCRCRK_345_255202_17SUGAR_CK_345_Z1_SRT-W	91.40	91.40	
		EXT_256002_18CAMPBL_345_258952_CAMPBELL_345_1_SRT-W	91.51	91.51	
		EXT_256013_18LUDNGT_345_259701_LUDINGTON_1_345_1_SRT-W	91.41	91.41	
		EXT_256013_18LUDNGT_345_259703_LUDINGTON_3_345_3_SRT-W	91.43	91.43	
		EXT_256019_18PALISD_345_256368_18PALISDG_345_Z1_SRT-W	91.51	91.51	
		EXT_306546_8MCGUIRE_500_309035_8ROCKSPGRTT_500_Z1_SRT-W	91.08	91.08	
		EXT_306719_8ANTIOCH_500_309035_8ROCKSPGRTT_500_Z1_SRT-W	91.45	91.45	
		EXT_348491_7HOLLAND_345_348494_7CONSTULN_345_Z1_SRT-W	91.43	91.43	
		EXT_DUK_ROCK_SPR_W_REACTOR_BUS_SRT-W	91.45	91.45	
		EXT_NEPTUNE_SRT-W	91.09	91.09	
		EXT_P12:345:ATC:W:29:KITTYHAWK:390_STI:NULL_SRT-W	91.49	91.49	
		P2-3-70_SRT-W	91.38	91.38	
		P2-3-72_SRT-W	91.38	91.38	
		P2-3-74_SRT-W	91.38	91.38	
		PJM_500_BG_PI_CCLFG1_SRT-A	92.85	92.85	
		DVP_P1-2: LN 272_SRT-A	91.60	91.60	
314794_6DOOMS	230_314793_3DOOMS_115_2_1	200038_SUSQ_2_24.0_SRT-W	102.09	102.09	
314901_8BATH_CO	500_988755_BATH_3W5_20.5_1_1	208918_SUSQ_1_24.0_SRT-W	102.09	102.09	
		235585_01HARRN1_20.0_SRT-W	101.63	101.63	
		235586_01HARRN2_20.0_SRT-W	101.63	101.63	
		235853_01AC1-140_26.0_SRT-W	101.67	101.67	
		242893_05AMG3_26.0_SRT-W	102.17	102.17	
		242894_05MTG1_26.0_SRT-W	102.15	102.15	
		243186_05GVG1_26.0_SRT-W	102.22	102.22	

Monitored Facility	Areas	Scenario	Final IAC %Loading		FG #
			Baseline (WIN)	Proposal Containing the Project (WIN)	
		Cont N Name			
		243187 05VGW2 26.0 SRT-W	102.23	102.23	
		243442 05RIG1 26.0 SRT-W	102.16	102.16	
		253900 15BVRV1 22.0 SRT-W	101.82	101.82	
		253901 15BVRV2 22.0 SRT-W	101.82	101.82	
		94130 066 NFTWR 230 SRT-W	101.63	101.63	
		AEP_P1-1_#4839_05ROCKPT 765_1_SRT-A	102.24	102.24	
		AEP_P1-1_#4838_05GAVIN 765_2_SRT-A	102.17	102.17	
		AEP_P1-1_#4959_05GAVIN 765_1_SRT-A	102.17	102.17	
		AEP_P1-1_#4965_05AMOS 765_3_SRT-A	102.18	102.18	
		AEP_P1-2_#10135_SRT-A	102.17	102.17	
		AEP_P1-2_#10136_SRT-A	102.16	102.16	
		AEP_P1-2_#17218_SRT-A	101.94	101.94	
		AEP_P1-2_#363_1682_SRT-A	103.24	103.24	
		AEP_P1-2_#6188_8931_SRT-A	101.72	101.72	
		AEP_P2-2_#6188_05HANG R 765_1_SRT-A	95.61	95.61	
		AEP_P4_#17219_05GUERNSEY 765_A_SRT-A	95.82	95.82	
		AEP_P4_#17220_05GUERNSEY 765_B_SRT-A	95.82	95.82	
		AEP_P4_#17221_05GUERNSEY 765_C_SRT-A	95.82	95.82	
		AEP_P4_#2839_05AMOS 765_T2_SRT-A	96.05	96.05	
		AEP_P4_#3002_05ROCKPT 765_C2_SRT-A	97.04	97.04	
		AEP_P4_#3146_05GAVIN 765_A_SRT-A	96.11	96.11	
		AEP_P4_#363_05JEFRSO 765_B1_SRT-A	97.04	97.04	
		AEP_P4_#4838_05GAVIN 765_A2_SRT-A	96.11	96.11	
		AEP_P4_#6648_05JEFRSO 765_B_SRT-A	97.04	97.04	
		AEP_P4_#9335_05ROCKPT 765_A_SRT-A	96.04	96.04	
		AEP_P4_#9336_05ROCKPT 765_C_SRT-A	97.04	97.04	
		AEP_P5_#11280_05ROCK_05ROCK_SRT-A	96.99	96.99	
		AP_P5-5_MP-20-01HARRN1_SRT-A	95.53	95.53	
		AP_P5-5_MP-20-01HARRN2_SRT-A	95.53	95.53	
		AP_P5-5_MP-20-01HARRN3_SRT-A	95.53	95.53	
		AP_P1-1_MP-500-502_SRT-W	101.63	101.63	
		AP_P1-1_MP-500-503_SRT-W	101.63	101.63	
		AP_P1-1_MP-500-504_SRT-W	101.63	101.63	
		AP_P1-1_WP-500-001_SRT-A	101.67	101.68	
		AP_P1-2_WP-500-DRT6_SRT-W	101.67	101.67	
		AP_P2-2_WP-500-DRT5_SRT-W	95.57	95.57	
		AP_P2-3_WP-500-440T_SRT-A	95.54	95.54	
		AP_P2-3_WP-500-706T_SRT-A	95.54	95.54	
		AP_P2-3_WP-500-DRT1_SRT-W	95.53	95.53	
		AP_P2-3_WP-500-DRT3_SRT-W	95.53	95.53	
		AP_P2-4_MP-138-214_SRT-A	95.57	95.57	
		ATSI_P1-1_CEI-345-711_SRT-A	102.09	102.10	
		ATSI_P1-1_TE-345-601_SRT-A	101.81	101.82	
		ATSI_P1-2_OEE-345-884_SRT-A	101.61	101.61	
		ATSI_P2-3_TE-345-007_SRT-W	95.71	95.72	
		ATSI_P2-3_TE-345-008B_SRT-W	95.71	95.72	
		ATSI_P2-3_TE-345-008_SRT-W	95.71	95.72	
		BG_P1_BRANDON2_SRT-A	101.61	101.61	
		Base Case			
		COMED_P1-1_BR-1U__S_SRT-A	101.11	101.12	
		COMED_P1-1_BR-2U__S_SRT-A	102.05	102.05	
		COMED_P1-1_BY-1U__R_SRT-A	102.02	102.03	
		COMED_P1-1_BY-2U__R_SRT-A	102.03	102.04	
		COMED_P1-1_LA-2U__S_SRT-A	102.01	102.02	
		COMED_P4_001-45-BT2-3_SRT-A	102.01	102.01	
		COMED_P4_004-45-BT10-11_SRT-A	95.89	95.89	
		COMED_P4_006-45-BT10-11_SRT-A	95.72	95.72	
		COMED_P4_006-45-BT11-12_SRT-A	95.89	95.89	

Monitored Facility	Areas	Scenario	Final IAC %Loading		FG #
			Baseline (WIN)	Proposal Containing the Project (WIN)	
		Cont N Name			
		COMED P4_006-45-BT3-4_SRT-A	95.91	95.92	
		COMED P4_006-45-BT4-5_SRT-A	95.91	95.91	
		COMED P4_012-45-BT1-2_SRT-A	95.71		
		COMED P4_012-45-BT9-10_SRT-A		95.71	
		COMED P4_020-45-BT1-8_SRT-A	95.92	95.93	
		COMED P4_020-45-BT10-11_SRT-A	95.90	95.90	
		COMED P4_020-45-BT7-8_SRT-A	95.92	95.93	
		COMED P4_020-45-BT9-10_SRT-A	95.90	95.90	
		COMED P7-1_345-L0301_B-S + 345-L0303_R-S SRT-A	95.62	95.62	
		COMED P7-1_345-L0302_B-S + 345-L0304_R-S SRT-A	95.62	95.62	
		COMED P7-1_345-L2912_B-S + 345-L2913_R-S SRT-A	95.58	95.58	
		DLC P11_GEN-15BVRV1_SRT-A	101.83	101.83	
		DLC P11_GEN-15BVRV2_SRT-A	101.82	101.82	
		DVP P1-1: G-1 IN ANNA1_SRT-A	101.84	101.84	
		DVP P1-1: G-1 S1URRY 1_SRT-A	101.77	101.77	
		DVP P1-1: G-2 IN ANNA2_SRT-A	101.84	101.84	
		DVP P1-2: LN 509_SRT-A	102.16	102.16	
		DVP P1-2: LN 592_SRT-A	102.17	102.17	
		DVP P1-2: LN 596_SRT-A	102.35	102.35	
		DVP P1-3: 8NO ANNA-GSU-1_SRT-A	101.84	101.84	
		DVP P1-3: 8NO ANNA-GSU-2_SRT-A	101.84	101.84	
		DVP P1-3: BATH 3W1_SRT-A	101.90	101.91	
		DVP P1-3: BATH 3W3_SRT-A	101.90	101.91	
		DVP P4-1: G102_SRT-A	95.66	95.66	
		DVP P4-1: G1C42_SRT-A	96.03	96.03	
		DVP P4-1: WARREN G1S42_SRT-A	96.04	96.04	
		DVP P4-2: 20112_SRT-A	95.58	95.58	
		DVP P4-2: 50962_SRT-W	96.03	96.03	
		DVP P4-2: 5091570_SRT-A	96.02	96.02	
		DVP P4-2: 541T580_SRT-W	NConv	96.02	
		DVP P4-2: 541T592_SRT-W	NConv	96.04	
		DVP P4-2: 580T582_SRT-A	NConv	96.04	
		DVP P4-2: H1T547_SRT-W	95.78	95.78	
		DVP P4-2: H2T547_SRT-W	95.78	95.78	
		DVP P4-2: Y1596_SRT-W	96.21	96.21	
		EXT_256002_18CAMPBL_345_258952_CAMPBELL_345_1_SRT-W	101.77	101.77	
		EXT_256013_18LUDNGT_345_259701_LUDINGTON_1_345_1_SRT-W	101.68	101.68	
		EXT_256013_18LUDNGT_345_259702_LUDINGTON_2_345_2_SRT-W	101.65	101.65	
		EXT_256013_18LUDNGT_345_259703_LUDINGTON_3_345_3_SRT-W	101.70	101.70	
		EXT_256019_18PALISD_345_256368_18PALISDG_345_71_SRT-W	101.74	101.74	
		EXT_306836_8WOODLF_500_306840_BROWANT_230_1_SRT-W	101.79	101.79	
		EXT_P12:345:ATC:W:28:KITTYHAWK:J390_ST1:NULL_SRT-W	101.67	101.67	
		JC_P1-4_JCC-230-038_SRT-A	100.59	100.60	
		PECO_P1-1_LIMER-U2_SRT-A/* \$ MONTCO \$ PECO_P1-1_LIMER-U2 \$ U	101.99	101.99	
		PECO_P1-1_PEACH-U2_SRT-A/* \$ CHESCO \$ PECO_P1-1_PEACH-U2 \$ U	102.11	102.12	
		PECO_P1-1_PEACH-U3_SRT-A/* \$ CHESCO \$ PECO_P1-1_PEACH-U3 \$ U	102.13	102.13	
		PECO_P1-3_PEACH-GSU2_SRT-A/* \$ CHESCO \$ PECO_P1-3_PEACH-GSU2 \$ T	102.11	102.12	
		PECO_P1-3_PEACH-GSU3_SRT-A/* \$ CHESCO \$ PECO_P1-3_PEACH-GSU3 \$ T	102.13	102.13	
		PECO_P4_PEACH015_SRT-A/* \$ CHESCO \$ PECO_P4_PEACH015 \$ STBK	96.00	96.00	
		PECO_P4_PEACH065_SRT-A/* \$ CHESCO \$ PECO_P4_PEACH065 \$ STBK	96.00	96.01	
		PECO_P4_PEACH215_SRT-A/* \$ CHESCO \$ PECO_P4_PEACH215 \$ STBK	95.99	95.99	
		PECO_P4_PEACH225_SRT-A/* \$ CHESCO \$ PECO_P4_PEACH225 \$ STBK	95.99	95.99	
		PECO_P4_PEACH245_SRT-A/* \$ CHESCO \$ PECO_P4_PEACH245 \$ STBK	95.62	95.62	
		PECO_P7-1_220-0607_SRT-A/* \$ CHESCO \$ PECO_P7-1_220-0607 \$ DCT	95.59	95.60	
		PECO_P7-1_220-9091_SRT-A/* \$ BUCKS \$ PECO_P7-1_220-9091 \$ DCT	95.57	95.58	
		PJM500_PS_P1-1_HOPC_G1_SRT-A	102.03	102.03	
		PJM500_PS_P1-1_SALM_G1_SRT-A	102.01	102.01	
		PJM500_PS_P1-1_SALM_G2_SRT-A	102.00	102.00	

Monitored Facility	Areas	Scenario	Final IAC %Loading		FG #
			Baseline (WIN)	Proposal Containing the Project (WIN)	
314901 8BATH CO 500 988756 BATH 3W3 20.5 1 1	345	Cont Name			
		PJM500_PS_P1-2_GEN1-GSA_SRT-A	102.00	102.01	102.01
		PJM500_PS_P1-2_GEN2-GSA-WIN_SRT-W	102.00	102.00	102.00
		PJM500_PS_P1-2_GHC-GSA-SUM_SRT-A	102.03	102.03	102.03
		PJM500_PS_P2-3_HOPC_2-6D_SRT-W	95.91	95.91	95.91
		PJM500_PS_P2-3_HOPC_2-6_SRT-A	95.91	95.91	95.91
		PJM500_PS_P2-3_HOPC_5-6_SRT-A	95.91	95.91	95.91
		PJM500_PS_P2-3_SALM_1-5_SRT-A	95.88	95.88	95.88
		PJM500_PS_P2-3_SALM_5-6_SRT-A	95.88	95.88	95.88
		PJM_500_BG_P4_5_CLVT_63_SRT-A	95.65	95.65	95.65
		PL_02_P42_001063_SRT-A	95.64	95.64	95.64
		PL_02_P42_001064_SRT-A	95.64	95.64	95.64
		PL_08_P11_000783_SRT-A	102.04	102.04	102.04
		PL_08_P11_001446_SRT-A	102.04	102.04	102.04
		PL_08_P11_001447_SRT-A	102.04	102.04	102.04
		PL_08_P41_101296_SRT-A	95.91	95.91	95.92
		PL_08_P41_101297_SRT-A	95.91	95.91	95.92
		PL_10_P41_100568_SRT-A	95.81	95.81	95.80
		PL_40_P11_001449_SRT-A	102.04	102.04	102.04
		PL_48_P11_000840_SRT-A	102.09	102.09	102.09
		PL_48_P12_000189_SRT-A	102.09	102.09	102.09
		PL_48_P41_102622_SRT-A	95.96	95.96	95.97
		PL_48_P42_000438_SRT-A	95.96	95.96	95.97
		PL_48_P42_100926_SRT-A	95.96	95.96	95.97
		PL_48_P71_102649_SRT-A	95.96	95.96	95.97
		PN_P2-3_PN-500-001E-DRT_SRT-A	95.67	95.67	95.68
		PN_P2-3_PN-500-004-DRT-003_SRT-W	95.68	95.68	95.68
		PN_P2-3_PN-500-004-DRT-004_SRT-W	95.68	95.68	95.68
		PN_P2-3_PN-500-DRT26_SRT-W	95.67	95.67	95.68
		200038_SUSQ_2.24.0_SRT-W	101.94	101.94	101.94
		208918_SUSQ_1.24.0_SRT-W	101.94	101.94	101.94
		235585_01HARRN120.0_SRT-W	101.48	101.48	101.48
		235586_01HARRN220.0_SRT-W	101.48	101.48	101.48
		235853_01AC1-140.26.0_SRT-W	101.52	101.52	101.52
		242893_05AMG3_26.0_SRT-W	102.02	102.02	102.02
		242894_05MTG1_26.0_SRT-W	102.00	102.00	102.00
		243186_05GVG1_26.0_SRT-W	102.06	102.06	102.07
		243187_05GVG2_26.0_SRT-W	102.08	102.08	102.08
		243442_05RRG1_26.0_SRT-W	102.01	102.01	102.01
		253900_15BVRV11_22.0_SRT-W	101.67	101.67	101.67
		253901_15BVRV12_22.0_SRT-W	101.67	101.67	101.67
		94130_066_NFTWR_230_SRT-W	101.48	101.48	101.48
		AEP_P1-1_#4838_05GAVIN_765_2_SRT-A	102.09	102.09	102.09
		AEP_P1-1_#4839_05ROCKPT_765_1_SRT-A	102.02	102.02	102.02
		AEP_P1-1_#4959_05GAVIN_765_1_SRT-A	102.02	102.02	102.02
AEP_P1-1_#4965_05AMOS_765_3_SRT-A	102.03	102.03	102.03		
AEP_P1-2_#10135_SRT-A	102.02	102.02	102.02		
AEP_P1-2_#10136_SRT-A	102.00	102.00	102.00		
AEP_P1-2_#1718_SRT-A	101.79	101.79	101.79		
AEP_P1-2_#363_1682_SRT-A	103.08	103.08	103.08		
AEP_P1-2_#6188_8931_SRT-A	101.57	101.57	101.57		
AEP_P2-2_#6188_05HANG_R_765_1_SRT-A	95.47	95.47	95.47		
AEP_P4_#17219_05GUERNSEY_765_A_SRT-A	95.68	95.68	95.68		
AEP_P4_#17220_05GUERNSEY_765_B_SRT-A	95.68	95.68	95.68		
AEP_P4_#17221_05GUERNSEY_765_C_SRT-A	95.68	95.68	95.68		
AEP_P4_#2839_05AMOS_765_T2_SRT-A	95.91	95.91	95.91		
AEP_P4_#3002_05ROCKPT_765_C2_SRT-A	96.90	96.90	96.90		
AEP_P4_#3146_05GAVIN_765_A_SRT-A	95.96	95.96	95.96		
AEP_P4_#363_05JEFRSO_765_B1_SRT-A	96.90	96.90	96.90		

Monitored Facility	Areas	Scenario	Final IAC %Loading		FG #
			Baseline (WIN)	Proposal Containing the Project (WIN)	
		Cont N Name			
		AEP_P4_#4838_05GAVIN765_A2_SRT-A	95.96	95.96	
		AEP_P4_#8648_05JEFRSD_765_B_SRT-A	96.90	96.90	
		AEP_P4_#9335_05ROCKPT_765_A_SRT-A	95.89	95.89	
		AEP_P4_#9336_05ROCKPT_765_C_SRT-A	96.90	96.90	
		AEP_P5_#11280_05ROCK_05ROCK_SRT-A	96.85	96.85	
		AP_P5-5_MP-20-01HARRN1_SRT-A	95.39	95.39	
		AP_P5-5_MP-20-01HARRN2_SRT-A	95.39	95.39	
		AP_P5-5_MP-20-01HARRN3_SRT-A	95.39	95.39	
		AP_P1-1_MP-500-502_SRT-W	101.48	101.48	
		AP_P1-1_MP-500-503_SRT-W	101.48	101.48	
		AP_P1-1_MP-500-504_SRT-W	101.48	101.48	
		AP_P1-1_WP-500-001_SRT-A	101.52	101.52	
		AP_P1-2_WP-500-DRT6_SRT-W	101.52	101.52	
		AP_P2-2_WP-500-DRT5_SRT-W	95.43	95.43	
		AP_P2-3_WP-500-440T_SRT-A	95.40	95.40	
		AP_P2-3_WP-500-706T_SRT-A	95.40	95.40	
		AP_P2-3_WP-500-DRT1_SRT-W	95.39	95.39	
		AP_P2-3_WP-500-DRT3_SRT-W	95.39	95.39	
		AP_P2-4_MP-138-214_SRT-A	95.43	95.43	
		ATSI_P1-1_CEI-345-711_SRT-A	101.94	101.94	
		ATSI_P1-1_TE-345-601_SRT-A	101.66	101.67	
		ATSI_P1-2_OEE-345-884_SRT-A	101.46	101.46	
		ATSI_P2-3_TE-345-007_SRT-W	95.56	95.57	
		ATSI_P2-3_TE-345-008B_SRT-W	95.56	95.57	
		ATSI_P2-3_TE-345-008_SRT-W	95.57	95.57	
		BG_P1_BRANDON2_SRT-A	101.46	101.46	
		Base Case	100.96	100.97	
		COMED_P1-1_BR-1U_S_SRT-A	101.89	101.90	
		COMED_P1-1_BR-2U_S_SRT-A	101.87	101.87	
		COMED_P1-1_BY-1U_R_SRT-A	101.88	101.89	
		COMED_P1-1_BY-2U_R_SRT-A	101.86	101.86	
		COMED_P1-1_LA-2U_S_SRT-A	101.85	101.86	
		COMED_P4_001-45-BT2-3_SRT-A	95.74	95.74	
		COMED_P4_001-45-BT3-4_SRT-A	95.58	95.75	
		COMED_P4_004-45-BT10-11_SRT-A	95.75	95.75	
		COMED_P4_006-45-BT11-12_SRT-A	95.75	95.75	
		COMED_P4_006-45-BT3-4_SRT-A	95.77	95.77	
		COMED_P4_006-45-BT4-5_SRT-A	95.77	95.77	
		COMED_P4_012-45-BT1-2_SRT-A	95.57	95.57	
		COMED_P4_012-45-BT9-10_SRT-A	95.78	95.78	
		COMED_P4_020-45-BT1-8_SRT-A	95.76	95.76	
		COMED_P4_020-45-BT10-11_SRT-A	95.78	95.78	
		COMED_P4_020-45-BT7-8_SRT-A	95.76	95.76	
		COMED_P4_020-45-BT9-10_SRT-A	95.76	95.76	
		COMED_P7-1_345-L0301_B-S+_345-L0303_R-S_SRT-A	95.47	95.48	
		COMED_P7-1_345-L0302_B-S+_345-L0304_R-S_SRT-A	95.47	95.48	
		COMED_P7-1_345-L2912_B-S+_345-L2913_R-S_SRT-A	95.44	95.44	
		DLC_P11_GEN-15BVRV1_SRT-A	101.67	101.68	
		DLC_P11_GEN-15BVRV2_SRT-A	101.67	101.67	
		DVP_P1-1:G-1IN_ANN1_SRT-A	101.69	101.69	
		DVP_P1-1:G-1ISURRY_1_SRT-A	101.61	101.62	
		DVP_P1-1:G-2IN_ANN2_SRT-A	101.69	101.69	
		DVP_P1-2:LN_509_SRT-A	102.01	102.01	
		DVP_P1-2:LN_592_SRT-A	102.02	102.02	
		DVP_P1-2:LN_596_SRT-A	102.19	102.19	
		DVP_P1-3:8NO_ANN1-GSU1_SRT-A	101.69	101.69	
		DVP_P1-3:8NO_ANN1-GSU2_SRT-A	101.69	101.69	

Monitored Facility	Areas	Scenario	Final IAC %Loading		FG #
			Baseline (WIN)	Proposal Containing the Project (WIN)	
		Cont N Name			
		DVP_P1-3:BATH 3W1_SRT-A	101.75	101.75	
		DVP_P1-3:BATH 3W5_SRT-A	101.75	101.76	
		DVP_P4-1:G102_SRT-A	95.52	95.52	
		DVP_P4-1:G1C42_SRT-A		95.88	
		DVP_P4-1:WARREN G1S42_SRT-A	95.89	95.90	
		DVP_P4-2:20112_SRT-A	95.43	95.44	
		DVP_P4-2:50962_SRT-W	95.89		
		DVP_P4-2:509T570_SRT-A	95.88	95.88	
		DVP_P4-2:541T580_SRT-W	NConv	95.88	
		DVP_P4-2:541T592_SRT-W	NConv	95.88	
		DVP_P4-2:580T592_SRT-A		95.89	
		DVP_P4-2:H1T547_SRT-W	95.63	95.64	
		DVP_P4-2:H3T548_SRT-W	95.62	95.62	
		DVP_P4-2:YT596_SRT-W	96.06	96.06	
		DVP_P4-3:H1TH3_SRT-A	96.38	96.39	
		EXT_256002_18CAMPBL 345 258952 CAMPBELL 345 1_SRT-W	101.62	101.62	
		EXT_256013_18LUDNGT 345 259701 LUDINGTON 1 345 1_SRT-W	101.53	101.53	
		EXT_256013_18LUDNGT 345 259702 LUDINGTON 2 345 2_SRT-W	101.50	101.50	
		EXT_256013_18LUDNGT 345 259703 LUDINGTON 3 345 3_SRT-W	101.55	101.55	
		EXT_256019_18PALISD 345 256388 18PALISDG 345 Z1_SRT-W	101.58	101.59	
		EXT_306836_8WOODDLF 500 306840 GROWANT 230 1_SRT-W	101.64	101.64	
		EXT_P12:345:ATC:W:29:KITTYHAWK:J890_SRT-W	101.52	101.52	
		JC_P1-4_JCC-230-038_SRT-A	100.44	100.45	
		PECO_P1-1_LIMER-U2_SRT-A/* \$ MONTCO \$ PECO_P1-1_LIMER-U2 \$ U	101.83	101.84	
		PECO_P1-1_PEACH-U2_SRT-A/* \$ CHESCO \$ PECO_P1-1_PEACH-U2 \$ U	101.96	101.97	
		PECO_P1-1_PEACH-U3_SRT-A/* \$ CHESCO \$ PECO_P1-1_PEACH-U3 \$ U	101.97	101.98	
		PECO_P1-3_PEACH-GSU2_SRT-A/* \$ CHESCO \$ PECO_P1-3_PEACH-GSU2 \$ T	101.96	101.96	
		PECO_P1-3_PEACH-GSU3_SRT-A/* \$ CHESCO \$ PECO_P1-3_PEACH-GSU3 \$ T	101.97	101.98	
		PECO_P4_PEACH015_SRT-A/* \$ CHESCO \$ PECO_P4_PEACH015 \$ STBK	95.86	95.86	
		PECO_P4_PEACH065_SRT-A/* \$ CHESCO \$ PECO_P4_PEACH065 \$ STBK	95.98	95.98	
		PECO_P4_PEACH215_SRT-A/* \$ CHESCO \$ PECO_P4_PEACH215 \$ STBK	95.84	95.85	
		PECO_P4_PEACH225_SRT-A/* \$ CHESCO \$ PECO_P4_PEACH225 \$ STBK	95.84	95.85	
		PECO_P4_PEACH245_SRT-A/* \$ CHESCO \$ PECO_P4_PEACH245 \$ STBK	95.48	95.48	
		PECO_P7-1_220-0607_SRT-A/* \$ CHESCO \$ PECO_P7-1_220-0607 \$ DCT	95.45	95.45	
		PECO_P7-1_220-9091_SRT-A/* \$ BUCKS \$ PECO_P7-1_220-9091 \$ DCT	95.43	95.44	
		PJM500_PS_P1-1_HOPC_G1_SRT-A	101.88	101.88	
		PJM500_PS_P1-1_SALM_G1_SRT-A	101.85	101.86	
		PJM500_PS_P1-1_SALM_G2_SRT-A	101.85	101.85	
		PJM500_PS_P1-2_GEN1-GSA_SRT-A	101.85	101.85	
		PJM500_PS_P1-2_GEN2-GSA-WIN_SRT-W	101.85	101.85	
		PJM500_PS_P1-2_GHC-GSA-SUM_SRT-A	101.88	101.88	
		PJM500_PS_P2-3_HOPC_2-6D_SRT-W	95.76	95.77	
		PJM500_PS_P2-3_HOPC_2-6_SRT-A	95.76	95.77	
		PJM500_PS_P2-3_HOPC_5-6_SRT-A	95.76	95.77	
		PJM500_PS_P2-3_SALM_1-5_SRT-A	95.74	95.74	
		PJM500_PS_P2-3_SALM_5-6_SRT-A	95.74	95.74	
		PJM_500_BG_P4_5_CLVT_63_SRT-A	95.51	95.51	
		PL_02_P42_001063_SRT-A	95.50	95.50	
		PL_02_P42_001064_SRT-A	95.50	95.50	
		PL_08_P11_000783_SRT-A		101.89	
		PL_08_P11_001446_SRT-A	101.89	101.89	
		PL_08_P41_001447_SRT-A	95.77	95.78	
		PL_08_P41_101296_SRT-A	95.77	95.78	
		PL_08_P41_101297_SRT-A	95.66	95.66	
		PL_10_P41_100568_SRT-A	101.89	101.89	
		PL_40_P11_001449_SRT-A	101.89	101.89	
		PL_48_P11_000840_SRT-A	101.94	101.94	
		PL_48_P12_000189_SRT-A	101.93	101.94	

Monitored Facility	Areas	Scenario	Final IAC %Loading		FG #
			Baseline (WIN)	Proposal Containing the Project (WIN)	
314901.8BATH CO 500 988757 BATH 3W1 20.5 1.1	345	Cont N Name			
		PL_48_P41_102622_SRT-A	95.82	95.82	95.82
		PL_48_P42_000438_SRT-A	95.82	95.82	95.82
		PL_48_P42_100926_SRT-A	95.82	95.82	95.82
		PL_48_P71_102649_SRT-A	95.82	95.82	95.82
		PN_P2-3_PN-500-001E-DRT_SRT-A	95.53	95.53	95.54
		PN_P2-3_PN-500-004-DRT-003_SRT-W	95.54	95.54	95.54
		PN_P2-3_PN-500-004-DRT-004_SRT-W	95.54	95.54	95.54
		PN_P2-3_PN-500-DRT26_SRT-W	95.53	95.53	95.54
		200038_SUSQ_224.0_SRT-W	101.87	101.87	101.87
		208918_SUSQ_124.0_SRT-W	101.87	101.87	101.87
		235585_01HARRN120.0_SRT-W	101.41	101.41	101.41
		235853_01AC1-14026.0_SRT-W	101.45	101.45	101.46
		242893_05AMG3_26.0_SRT-W	101.95	101.95	101.95
		242894_05MTG1_26.0_SRT-W	101.93	101.93	101.94
		243186_05GVG1_26.0_SRT-W	102.00	102.00	102.00
		243187_05GVG2_26.0_SRT-W	102.01	102.01	102.01
		243442_05RKG1_26.0_SRT-W	101.94	101.94	101.94
		253900_15BVRV1_22.0_SRT-W	101.60	101.60	101.61
		253901_15BVRV2_22.0_SRT-W	101.60	101.60	101.60
		94130_066_NFTWR_230_SRT-W	101.41	101.41	101.41
		AEP_P1-1_#4838_05GAVIN_765_2_SRT-A	102.02	102.02	102.02
		AEP_P1-1_#4839_05ROCKPT_765_1_SRT-A	101.95	101.95	101.95
		AEP_P1-1_#4959_05GAVIN_765_1_SRT-A	101.95	101.95	101.95
		AEP_P1-1_#4965_05AMOS_765_3_SRT-A	101.96	101.96	101.96
		AEP_P1-2_#10135_SRT-A	101.95	101.95	101.95
		AEP_P1-2_#10136_SRT-A	101.94	101.94	101.94
		AEP_P1-2_#17218_SRT-A	101.72	101.72	101.73
		AEP_P1-2_#363_1682_SRT-A	103.01	103.02	103.02
		AEP_P1-2_#6288_8931_SRT-A	101.50	101.50	101.50
		AEP_P2-2_#6188_05HANG_R_765_1_SRT-A	95.41	95.41	95.41
		AEP_P4_#17219_05GUERNSEY_765_A_SRT-A	95.62	95.62	95.62
		AEP_P4_#17220_05GUERNSEY_765_B_SRT-A	95.62	95.62	95.62
		AEP_P4_#17221_05GUERNSEY_765_C_SRT-A	95.62	95.62	95.62
AEP_P4_#2839_05AMOS_765_T2_SRT-A	95.84	95.84	95.85		
AEP_P4_#3002_05ROCKPT_765_C2_SRT-A	96.83	96.83	96.83		
AEP_P4_#3146_05GAVIN_765_A_SRT-A	95.90	95.90	95.90		
AEP_P4_#363_05JEFRSO_765_B1_SRT-A	96.83	96.83	96.83		
AEP_P4_#4838_05GAVIN_765_A2_SRT-A	95.90	95.90	95.90		
AEP_P4_#4838_05GAVIN_765_B_SRT-A	96.83	96.83	96.83		
AEP_P4_#4838_05ROCKPT_765_A_SRT-A	95.83	95.83	95.83		
AEP_P4_#4936_05ROCKPT_765_C_SRT-A	96.83	96.83	96.83		
AEP_P5_#11280_05ROCK_05ROCK_SRT-A	96.79	96.79	96.79		
AP-P5-5-MP-20-01HARRN1_SRT-A	95.33	95.33	95.33		
AP-P5-5-MP-20-01HARRN2_SRT-A	95.33	95.33	95.33		
AP-P5-5-MP-20-01HARRN3_SRT-A	95.33	95.33	95.33		
AP_P1-1_MP-500-502_SRT-W	101.41	101.41	101.41		
AP_P1-1_MP-500-503_SRT-W	101.41	101.41	101.41		
AP_P1-1_MP-500-504_SRT-W	101.41	101.41	101.41		
AP_P1-1_MP-500-001_SRT-A	101.45	101.45	101.46		
AP_P1-2_MP-500-DRT6_SRT-W	101.46	101.46	101.46		
AP_P2-2_MP-500-DRT5_SRT-W	95.36	95.36	95.37		
AP_P2-3_MP-500-440T_SRT-A	95.33	95.33	95.34		
AP_P2-3_MP-500-706T_SRT-A	95.34	95.34	95.34		
AP_P2-3_MP-500-DRT1_SRT-W	95.32	95.32	95.33		
AP_P2-3_MP-500-DRT3_SRT-W	95.32	95.32	95.33		
AP_P2-4_MP-138-214_SRT-A	95.36	95.36	95.37		
ATSI_P1-1_CEI-345-711_SRT-A	101.87	101.88	101.88		
ATSI_P1-1_TE-345-601_SRT-A	101.60	101.60	101.60		

Monitored Facility	Areas	Scenario	Final AC %Loading		FG #
			Baseline (WIN)	Proposal Containing the Project (WIN)	
		Cont N Name			
		ATSI_P1-2_OFF-345-884_SRT-A	101.39	101.40	
		ATSI_P2-3_TE-345-007_SRT-W	95.50	95.51	
		ATSI_P2-3_TE-345-008B_SRT-W	95.50	95.51	
		ATSI_P2-3_TE-345-008_SRT-W	95.50	95.51	
		Base Case	100.90	100.90	
		COMED_P1-1_BR-1U__S_SRT-A	101.83	101.83	
		COMED_P1-1_BR-2U__S_SRT-A	101.80	101.81	
		COMED_P1-1_BY-1U__R_SRT-A	101.81	101.82	
		COMED_P1-1_BY-2U__R_SRT-A	101.79	101.80	
		COMED_P1-1_LA-2U__S_SRT-A	101.79	101.79	
		COMED_P4_001-45-BT2-3_SRT-A	95.68	95.69	
		COMED_P4_001-45-BT3-4_SRT-A	95.52	95.52	
		COMED_P4_004-45-BT10-11_SRT-A	95.52	95.52	
		COMED_P4_006-45-BT10-11_SRT-A	95.68	95.69	
		COMED_P4_006-45-BT11-12_SRT-A	95.69	95.69	
		COMED_P4_006-45-BT3-4_SRT-A	95.71	95.71	
		COMED_P4_006-45-BT4-5_SRT-A	95.71	95.71	
		COMED_P4_012-45-BT1-2_SRT-A	95.50	95.51	
		COMED_P4_012-45-BT9-10_SRT-A	95.72	95.72	
		COMED_P4_020-45-BT1-8_SRT-A	95.70	95.70	
		COMED_P4_020-45-BT10-11_SRT-A	95.72	95.70	
		COMED_P4_020-45-BT7-8_SRT-A	95.72	95.72	
		COMED_P4_020-45-BT9-10_SRT-A	95.70	95.70	
		COMED_P7-1_345-L0301_B-S_*_345-L0303_R-S_SRT-A	95.41	95.42	
		COMED_P7-1_345-L0302_B-S_*_345-L0304_R-S_SRT-A	95.41	95.42	
		COMED_P7-1_345-L2912_B-S_*_345-L2913_R-S_SRT-A	95.37	95.38	
		DLC_P11_GEN-15BVRV1_SRT-A	101.61	101.61	
		DLC_P11_GEN-15BVRV2_SRT-A	101.60	101.61	
		DVP_P1-1:G-1IN_ANNA1_SRT-A	101.62	101.62	
		DVP_P1-1:G-1ISURRY_1_SRT-A	101.54	101.55	
		DVP_P1-1:G-2IN_ANNA2_SRT-A	101.62	101.62	
		DVP_P1-2:LN_509_SRT-A	101.93	101.94	
		DVP_P1-2:LN_592_SRT-A	101.94	101.94	
		DVP_P1-2:LN_596_SRT-A	102.12	102.12	
		DVP_P1-3:8NO_ANNA-GSU-1_SRT-A	101.61	101.62	
		DVP_P1-3:8NO_ANNA-GSU-2_SRT-A	101.62	101.62	
		DVP_P1-3:BATH_3W3_SRT-A	101.69	101.69	
		DVP_P1-3:BATH_3W5_SRT-A	101.69	101.69	
		DVP_P4-1:G102_SRT-A	95.45	95.45	
		DVP_P4-1:G1C42_SRT-A	95.82	95.82	
		DVP_P4-1:WARREN_G1S42_SRT-A	95.82	95.82	
		DVP_P4-2:20112_SRT-A	95.37	95.37	
		DVP_P4-2:50962_SRT-W	95.82	95.82	
		DVP_P4-2:509T570_SRT-A	95.80	95.80	
		DVP_P4-2:541T580_SRT-W	NConv	95.80	
		DVP_P4-2:541T592_SRT-W	NConv	95.82	
		DVP_P4-2:580T592_SRT-A	NConv	95.82	
		DVP_P4-2:H2T547_SRT-W	95.57	95.57	
		DVP_P4-2:H3T548_SRT-W	95.55	95.56	
		DVP_P4-2:YT596_SRT-W	95.99	95.99	
		EXT_128842_NEPTCONV_345_128847_NWBRG_345_1_SRT-W	101.41	101.41	
		EXT_256002_18CAMPBL_345_256952_CAMPBELL_345_1_SRT-W	101.55	101.55	
		EXT_256013_18LUDNGT_345_259701_LUDINGTON_1_345_1_SRT-W	101.46	101.46	
		EXT_256013_18LUDNGT_345_259702_LUDINGTON_2_345_2_SRT-W	101.43	101.44	
		EXT_256013_18LUDNGT_345_259703_LUDINGTON_3_345_3_SRT-W	101.48	101.49	
		EXT_256019_18PALISD_345_256368_18PALISDG_345_Z1_SRT-W	101.52	101.52	
		EXT_306636_8WOODLF_500_306840_GROWANT_230_1_SRT-W	101.57	101.58	
		EXT_P12:345-ATC-W-28:KITTYHAWKJ:890_STI:NULL_SRT-W	101.45	101.45	

Monitored Facility	Areas	Scenario	Final IAC %Loading		FG #
			Baseline (WIN)	Proposal Containing the Project (WIN)	
314912 8LEXNGTN 500 314856 6LEXNGT2 230 1 1	345	Cont Name			
		JC P1-4 JCC-230-038 SRT-A	100.38	100.38	
		PECO P1-1 LIMER-U2 SRT-A/* \$ MONTCO \$ PECO P1-1 LIMER-U2 \$ U	101.78	101.77	
		PECO P1-1 PEACH-U2 SRT-A/* \$ CHESCO \$ PECO P1-1 PEACH-U2 \$ U	101.89	101.89	
		PECO P1-1 PEACH-U3 SRT-A/* \$ CHESCO \$ PECO P1-1 PEACH-U3 \$ U	101.90	101.91	
		PECO P1-3 PEACH-GSU2 SRT-A/* \$ CHESCO \$ PECO P1-3 PEACH-GSU2 \$ T	101.89	101.89	
		PECO P1-3 PEACH-GSU3 SRT-A/* \$ CHESCO \$ PECO P1-3 PEACH-GSU3 \$ T	101.90	101.91	
		PECO P4 PEACH015 SRT-A/* \$ CHESCO \$ PECO P4 PEACH015 \$ STBK	95.79	95.79	
		PECO P4 PEACH065 SRT-A/* \$ CHESCO \$ PECO P4 PEACH065 \$ STBK	95.79	95.80	
		PECO P4 PEACH215 SRT-A/* \$ CHESCO \$ PECO P4 PEACH215 \$ STBK	95.78	95.78	
		PECO P4 PEACH225 SRT-A/* \$ CHESCO \$ PECO P4 PEACH225 \$ STBK	95.77	95.77	
		PECO P4 PEACH245 SRT-A/* \$ CHESCO \$ PECO P4 PEACH245 \$ STBK	95.41	95.41	
		PECO P7-1 220-0607 SRT-A/* \$ CHESCO \$ PECO P7-1 220-0607 \$ DCT	95.39	95.39	
		PECO P7-1 220-9091 SRT-A/* \$ BUCKS \$ PECO P7-1 220-9091 \$ DCT	95.37	95.37	
		PJM500 PS P1-1 HOPC G1 SRT-A	101.81	101.81	
		PJM500 PS P1-1 SALM G1 SRT-A	101.78	101.78	
		PJM500 PS P1-1 SALM G2 SRT-A	101.78	101.78	
		PJM500 PS P1-2 GEN1-GSA SRT-A	101.78	101.78	
		PJM500 PS P1-2 GEN2-GSA-WIN SRT-W	101.78	101.78	
		PJM500 PS P1-2 GEN2-GSA SRT-A	101.78	101.78	
		PJM500 PS P1-2 GHC-GSA-SUM SRT-A	101.81	101.81	
		PJM500 PS P2-3 HOPC 2-6D SRT-W	95.70	95.70	
		PJM500 PS P2-3 HOPC 2-6 SRT-A	95.70	95.70	
		PJM500 PS P2-3 HOPC 5-6 SRT-A	95.70	95.70	
		PJM500 PS P2-3 SALM 1-5 SRT-A	95.67	95.68	
		PJM500 PS P2-3 SALM 5-6 SRT-A	95.67	95.68	
		PJM 500 BG P4.5 CIVT 63 SRT-A	95.44	95.44	
		PL 02 P42 001063 SRT-A	95.43	95.44	
		PL 02 P42 001064 SRT-A	95.43	95.44	
		PL 08 P11 000783 SRT-A	101.81	101.82	
		PL 08 P11 001446 SRT-A	101.81	101.81	
		PL 08 P11 001447 SRT-A	101.82	101.82	
		PL 08 P41 101296 SRT-A	95.70	95.71	
		PL 08 P41 101297 SRT-A	95.70	95.71	
		PL 10 P41 100568 SRT-A	95.59	95.60	
		PL 48 P11 000840 SRT-A	101.86	101.87	
		PL 48 P12 000189 SRT-A	101.86	101.87	
		PL 48 P41 102622 SRT-A	95.75	95.76	
		PL 48 P42 000488 SRT-A	95.75	95.76	
		PL 48 P42 100926 SRT-A	95.75	95.76	
		PL 48 P71 102649 SRT-A	95.75	95.76	
		PN P2-3 PN-500-001E-DRT SRT-A	95.47	95.47	
		PN P2-3 PN-500-004-DRT-003 SRT-W	95.47	95.48	
		PN P2-3 PN-500-004-DRT-004 SRT-W	95.47	95.48	
		PN P2-3 PN-500-DRT26 SRT-W	95.47	95.47	
DVP P4-2: 55502 SRT-A	90.46	90.98			
AP P1-2 PE-500-404T SRT-A	93.42	92.68			
DVP P1-2: LN 535 SRT-A	93.42	92.69			
200038 SUSQ 2 24.0 SRT-W	91.49	91.49			
208918 SUSQ 1 24.0 SRT-W	91.49	91.49			
242893 05AMG3 26.0 SRT-W	91.54	91.54			
242894 05MTG1 26.0 SRT-W	91.52	91.52			
243186 05GVG1 26.0 SRT-W	91.58	91.57			
243187 05GVG2 26.0 SRT-W	91.59	91.59			
243442 05RKG1 26.0 SRT-W	91.53	91.53			
AEP P1-1 #4838 05GAVIN 765 2 SRT-A	91.59	91.59			
AEP P1-1 #4839 05ROCKPT 765 1 SRT-A	91.54	91.54			
AEP P1-1 #4959 05GAVIN 765 1 SRT-A	91.54	91.54			
AEP P1-1 #4965 05AMOS 765 3 SRT-A	91.55	91.55			

Monitored Facility	Areas	Scenario	Final AC %Loading		FG #
			Baseline (WIN)	Proposal Containing the Project (WIN)	
3149188NO ANNA 500 315225 IN ANNA1 22.0 1 1	345	Cont N Name			
		AEP_P1-2_#10135_SRT-A	91.54	91.54	91.54
		AEP_P1-2_#10136_SRT-A	91.53	91.53	91.53
		AEP_P1-2_#363_1682_SRT-A	92.36	92.36	92.36
		ATSI_P1-1_CEI-345-711_SRT-A	91.48	91.48	91.48
		Base Case	90.73	90.73	90.73
		DVP_P1-2_LN 509_SRT-A	91.55	91.55	91.55
		DVP_P1-2_LN 592_SRT-A	91.56	91.56	91.56
		DVP_P1-2_LN 596_SRT-A	91.69	91.69	91.69
		PECO_P1-1_PEACH-U2_SRT-A/* \$ CHESCO \$ PECO_P1-1_PEACH-U2 \$ U	91.51	91.51	91.51
		PECO_P1-1_PEACH-U3_SRT-A/* \$ CHESCO \$ PECO_P1-1_PEACH-U3 \$ U	91.52	91.52	91.52
		PECO_P1-3_PEACH-GSU2_SRT-A/* \$ CHESCO \$ PECO_P1-3_PEACH-GSU2 \$ T	91.51	91.51	91.51
		PECO_P1-3_PEACH-GSU3_SRT-A/* \$ CHESCO \$ PECO_P1-3_PEACH-GSU3 \$ T	91.52	91.52	91.52
		PL_48_P11_000840_SRT-A	91.49	91.49	91.48
		PL_48_P12_000189_SRT-A	91.48	91.48	91.48
		200038SUSQ 2.24.0_SRT-W	92.24	92.24	92.24
		208918SUSQ 1.24.0_SRT-W	92.25	92.25	92.25
		235853 01AC1-140.26.0_SRT-W	91.90	91.90	
		242893 05AMG3 26.0_SRT-W	92.30	92.30	
		242894 05MTG1 26.0_SRT-W	92.28	92.28	
		243186 05GVG1 26.0_SRT-W	92.34	92.34	
		243187 05GVG2 26.0_SRT-W	92.35	92.35	
		243442 05RKG1 26.0_SRT-W	92.29	92.29	
		253900 15BVRV1 22.0_SRT-W	92.02	92.02	
		253901 15BVRV2 22.0_SRT-W	92.02	92.02	
		AEP_P1-1_#4838_05GAVIN 765 2_SRT-A	92.36	92.36	
		AEP_P1-1_#4839_05ROCKPT 765 1_SRT-A	92.30	92.30	
		AEP_P1-1_#4959_05GAVIN 765 1_SRT-A	92.30	92.30	
		AEP_P1-1_#4965_05AMOS 765 3_SRT-A	92.31	92.31	
		AEP_P1-2_#10135_SRT-A	92.30	92.30	
		AEP_P1-2_#10136_SRT-A	92.29	92.29	
		AEP_P1-2_#17218_SRT-A	92.12	92.12	
		AEP_P1-2_#363_1682_SRT-A	93.15	93.15	91.10
		AEP_P1-2_#37_12_SRT-A			90.09
		AEP_P1-2_#41_544_SRT-A			
AEP_P1-2_#6188_8931_SRT-A	91.94	91.94			
AP_P1-1_WP-500-001_SRT-A	91.91	91.91			
AP_P1-2_MP-500-027I_SRT-W			91.46		
AP_P1-2_PE-500-002I_SRT-W			91.46		
AP_P1-2_PE-500-004_SRT-W			91.46		
AP_P1-2_PE-500-402BT_SRT-A			91.46		
AP_P1-2_PE-500-404I_SRT-A			91.46		
AP_P1-2_PE-500-407T_SRT-W			91.46		
AP_P1-2_WP-138-344I_SRT-A			90.49		
AP_P1-2_WP-500-006_SRT-A			91.46		
AP_P1-2_WP-500-DR16_SRT-W	91.90	91.90			
ATSI_P1-1_CEI-345-711_SRT-A	92.24	92.24			
ATSI_P1-1_TE-345-601_SRT-A	92.02	92.02			
BG_P1_BRANDON1_SRT-A			91.86		
BG_P1_BRANDON2_SRT-A			91.86		
BG_P1_WAGNER3_SRT-A			91.64		
Base Case	91.46	91.46			
COMED_P1-1_BR-1U_S_SRT-A	92.20	92.20			
COMED_P1-1_BR-2U_S_SRT-A	92.18	92.18			
COMED_P1-1_BY-1U_R_SRT-A	92.19	92.19			
COMED_P1-1_BY-2U_R_SRT-A	92.17	92.17			
COMED_P1-1_LA-2U_S_SRT-A	92.17	92.17			
DLC_P11_GEN-15BVRV1_SRT-A	92.03	92.03			
DLC_P11_GEN-15BVRV2_SRT-A	92.02	92.02			

Monitored Facility	Areas	Scenario	Final IAC %Loading		FG #
			Baseline (WIN)	Proposal Containing the Project (WIN)	
3149188NO ANNA 500 315226 IN ANN42 22.0 1 1	345	Cont N Name			
		DVP P1-1: G-1 1SURREY 1_SRT-A	91.99	91.99	91.99
		DVP P1-1: G-1 1WARREN_G2_SRT-A			91.65
		DVP P1-1: G-1A 1X4-039 GT1_SRT-A			91.59
		DVP P1-1: G-1C 1WARREN_G3_SRT-A			91.63
		DVP P1-1: G-2 IN ANNA2_SRT-A	92.05		92.05
		DVP P1-1: G-2 1SURREY 2_SRT-A		91.99	91.99
		DVP P1-2: 08LOUDOUN 500KV CAP 1_SRT-A			91.46
		DVP P1-2: Barrister 230KV CAP 1_SRT-A			91.46
		DVP P1-2: DOUBS 500KV CAP 1_SRT-A			91.46
		DVP P1-2: LN 509_SRT-A	92.31		92.31
		DVP P1-2: LN 541_SRT-W			91.46
		DVP P1-2: LN 569_SRT-W			91.46
		DVP P1-2: LN 592_SRT-A	92.32		92.32
		DVP P1-2: LN 596_SRT-A			92.46
		DVP P1-2: LN 9344_SRT-A	92.46		92.46
		DVP P1-2: LN 9380 - N ANNA - SPOTSYL_SRT-A			91.46
		DVP P1-2: LN SPOT2VINT 2nd_SRT-A			91.46
		DVP P1-3: 6SURREY-GSU-1_SRT-A	91.99		91.99
		DVP P1-3: 8MARS-TX#1_SRT-A			91.46
		DVP P1-3: 8NO ANNA-GSU-2_SRT-A	92.05		92.05
		DVP P1-3: BATH 3W1_SRT-A	92.09		
		DVP P1-3: BATH 3W3_SRT-A	92.09		
		DVP P1-3: BATH 3W5_SRT-A	92.09		
		DVP P1-4: 6CLIFTON 6CLIFT 1 1_SRT-A			91.22
		DVP P1-4: 6SHELLHORN 1 6SHELLHORN 2 1_SRT-A			91.22
		DVP P1-4: 6CAMPBELL 345 268952 CAMPBELL 345 1_SRT-W	91.98		91.98
		EXT 256002 18LUDNGT 345 259701 LUDINGTON 1 345 1_SRT-W	91.91		91.91
		EXT 256013 18LUDNGT 345 259703 LUDINGTON 3 345 3_SRT-W			91.93
		EXT 256019 18PALISD 345 256368 18PALISD 345 71_SRT-W	91.95		91.95
		EXT 306836 8WOODLF 500 306840 GROWANT 230 1_SRT-W	92.00		92.00
		JC P1-2 JCC-230-045_SRT-A			90.54
		PECO P1-1 LIMER-U2_SRT-A/* \$ MONTCO \$ PECO P1-1 LIMER-U2 \$ U	92.16		92.16
		PECO P1-1 PEACH-U2_SRT-A/* \$ CHESCO \$ PECO P1-1 PEACH-U2 \$ U	92.27		92.27
		PECO P1-1 PEACH-U3_SRT-A/* \$ CHESCO \$ PECO P1-1 PEACH-U3 \$ U	92.28		92.28
		PECO P1-3 PEACH-GSU2_SRT-A/* \$ CHESCO \$ PECO P1-3 PEACH-GSU2 \$ T	92.27		92.27
		PECO P1-3 PEACH-GSU3_SRT-A/* \$ CHESCO \$ PECO P1-3 PEACH-GSU3 \$ T	92.28		92.28
		PEPCO X4-035 TAP X035 GSU_SRT-A	91.74		91.74
		PJM500 PS P1-1 HOPC_G1_SRT-A	92.20		92.20
		PJM500 PS P1-1 SALLM_G1_SRT-A	92.18		92.18
		PJM500 PS P1-1 SALLM_G2_SRT-A	92.17		92.17
		PJM500 PS P1-2 GEN1-GSA_SRT-A	92.18		92.18
		PJM500 PS P1-2 GEN2-GSA-WIN_SRT-W			92.17
		PJM500 PS P1-2 GEN2-GSA_SRT-A	92.17		92.17
		PJM500 PS P1-2 GHC-GSA-SUM_SRT-A	92.20		92.20
PL 04 P12 000257_SRT-A			90.48		
PL 08 P11 000793_SRT-A	92.20		92.20		
PL 08 P11 001446_SRT-A	92.20		92.20		
PL 48 P11 000840_SRT-A	92.24		92.24		
PL 48 P12 000189_SRT-A	92.24		92.24		
PN P1-1 DRT-500-005-DRT_SRT-A			90.43		
PN P1-1 DRT-500-006-DRT_SRT-A			90.43		
PN P1-1 PN-500-001_SRT-A			90.43		
PN P1-1 PN-500-002_SRT-A			90.43		
PN P1-2 PN-500-007_SRT-A			91.46		
PN P1-2 PN-500-010T_SRT-A			91.46		
V3-017-ST-GEN_SRT-A			91.65		
200038 SUSQ 2.24.0_SRT-W	90.12		90.12		
208918 SUSQ 1.24.0_SRT-W	90.12		90.12		

Monitored Facility	Areas	Scenario	Final IAC %Loading		FG #
			Baseline (WIN)	Proposal Containing the Project (WIN)	
314925 BPL VIEW 500 314072 BPL VIEW 230 1 1 314926 8VALLEY 500 314991 8VALLEY SC 500 1 1 314937 8MT STORM2 500 315251 1MT STM1 22.0 1 1	345	Cont N Name			
		242893 05AMG3 26.0 SRT-W	90.17		
		242894 05MTG1 26.0 SRT-W	90.16		
		243186 05GVG1 26.0 SRT-W	90.21		
		243187 05VCG2 26.0 SRT-W	90.22		
		243442 05RKG1 26.0 SRT-W	90.17		
		AEP_P1-1_#4839_05ROCKPT765_2_SRT-A	90.23		
		AEP_P1-1_#4839_05ROCKPT765_1_SRT-A	90.17		
		AEP_P1-1_#4959_05GAVIN765_1_SRT-A	90.17		
		AEP_P1-1_#4965_05AMOS765_3_SRT-A	90.18		
		AEP_P1-2_#10135_SRT-A	90.17		
		AEP_P1-2_#10136_SRT-A	90.16		
		AEP_P1-2_#363_1682_SRT-A	91.05		
		ATSI_P1-1_CEI-345-711_SRT-A	90.12		
		COMED_P1-1_BR-1U_S_SRT-A	90.08		
		COMED_P1-1_BR-2U_S_SRT-A	90.06		
		COMED_P1-1_BY-1U_R_SRT-A	90.07		
		COMED_P1-1_BY-2U_R_SRT-A	90.05		
		COMED_P1-1_LA-2U_S_SRT-A	90.04		
		DVP_P1-2: LN 509 SRT-A	90.18		
		DVP_P1-2: LN 592 SRT-A	90.20		
		DVP_P1-2: LN 596 SRT-A	90.34		
		DVP_P1-2: LN 596 SRT-A	90.34		
		PECO_P1-1_LIMER-U2_SRT-A/* \$ MONTICO \$ PECO P1-1_LIMER-U2 \$ U	90.04		
		PECO_P1-1_PEACH-U2_SRT-A/* \$ CHESCO \$ PECO P1-1_PEACH-U2 \$ U	90.14		
		PECO_P1-1_PEACH-U3_SRT-A/* \$ CHESCO \$ PECO P1-1_PEACH-U3 \$ U	90.16		
		PECO_P1-3_PEACH-GSU3_SRT-A/* \$ CHESCO \$ PECO P1-3_PEACH-GSU3 \$ T	90.14		
		PECO_P1-3_PEACH-GSU3_SRT-A/* \$ CHESCO \$ PECO P1-3_PEACH-GSU3 \$ T	90.15		
		PJM500_PS_P1-1_HOPC_G1_SRT-A	90.07		
		PJM500_PS_P1-1_SALM_G1_SRT-A	90.05		
		PJM500_PS_P1-1_SALM_G2_SRT-A	90.05		
		PJM500_PS_P1-2_GEN1-GSA_SRT-A	90.05		
		PJM500_PS_P1-2_GEN2-GSA-WIN_SRT-W	90.05		
PJM500_PS_P1-2_GHC-GSA-SUM_SRT-A	90.07				
PL_08_P11_000793_SRT-A	90.08				
PL_08_P11_001446_SRT-A	90.08				
PL_08_P11_001447_SRT-A	90.08				
PL_48_P11_000840_SRT-A	90.12				
PL_48_P12_000189_SRT-A	90.12				
DVP_P1-3: 8GOOSE CREEK-TX#1_SRT-A					
DVP_P1-2: LN 555_SRT-A	90.31				
DVP_P7-1: LN 2168-555_SRT-A	93.77				
200038 SUSQ 2 24.0 SRT-W	90.15				
208918 SUSQ 1 24.0 SRT-W	90.15				
242893 05AMG3 26.0 SRT-W	90.20				
242894 05MTG1 26.0 SRT-W	90.18				
243186 05GVG1 26.0 SRT-W	90.23				
243187 05VCG2 26.0 SRT-W	90.24				
243442 05RKG1 26.0 SRT-W	90.19				
AEP_P1-1_#4839_05GAVIN765_2_SRT-A	90.25				
AEP_P1-1_#4839_05ROCKPT765_1_SRT-A	90.20				
AEP_P1-1_#4959_05GAVIN765_1_SRT-A	90.20				
AEP_P1-1_#4965_05AMOS765_3_SRT-A	90.21				
AEP_P1-2_#10135_SRT-A	90.20				
AEP_P1-2_#10136_SRT-A	90.19				
AEP_P1-2_#363_1682_SRT-A	91.01				
DVP_P1-2: LN 509 SRT-A	90.20				
DVP_P1-2: LN 592 SRT-A	90.22				
DVP_P1-2: LN 596 SRT-A	90.35				
PECO_P1-1_PEACH-U2_SRT-A/* \$ CHESCO \$ PECO P1-1_PEACH-U2 \$ U	90.17				

Monitored Facility	Areas	Scenario	Cont N Name	Baseline (WIN)	Final IAC %Loading Proposal Containing the Project (WIN)	FG #
314938 8WARRENCNTY 500 315270 1WARREN G1 21.0 1 1	345	PECO P1-1 PEACH-U3 SRT-A/* \$ CHESCO \$ PECO P1-1 PEACH-U3 \$U		90.18	90.18	
		PECO P1-3 PEACH-GSU2 SRT-A/* \$ CHESCO \$ PECO P1-3 PEACH-GSU2 \$ T		90.17	90.17	
		PECO P1-3 PEACH-GSU3 SRT-A/* \$ CHESCO \$ PECO P1-3 PEACH-GSU3 \$ T		90.18	90.18	
		PL_48_P11_000840_SRT-A		90.15	90.15	
		AEP P1-2 #363.1682 SRT-A		126.05	120.60	
		AEP P4 #2942.05KAMMER 765 PP SRT-A		118.48	112.85	
		AEP P4 #3002.05ROCKPT 765 C2 SRT-A		118.48	113.36	
		AEP P4 #363.05JEFRSO 765 B1 SRT-A		118.48	113.36	
		AEP P4 #8648.05JEFRSO 765 B SRT-A		118.48	113.39	
		AEP P4 #9336.05ROCKPT 765 C SRT-A		118.48	113.37	
		AEP P5 #11280.05ROCK 05ROCK SRT-A			113.45	
		AP P1-2 PE-500-405I SRT-A		110.82	109.74	
		AP P2-3 PE-500-013F SRT-W		104.31	103.22	
		AP P2-3 PE-500-013G SRT-W		104.16	103.14	
		Base Case		165.47	165.47	
		DVP P1-2: LN 2161 SRT-A			121.53	
		DVP P4-2: 2161T2174 SRT-A			112.30	
		DVP P4-2: 2161T2182 SRT-A			112.30	
		DVP P4-2: 536T550 SRT-A			113.17	
		DVP P4-4: PLEASASC322 SRT-W			114.67	
DVP P7-1: LN 2161-2174 SRT-A			112.30			
DVP P7-1: LN 2161-2174 SRT-A			112.30			
AEP P1-2 #363.1682 SRT-A		135.92	130.88			
AEP P4 #2942.05KAMMER 765 PP SRT-A		127.76	122.28			
AEP P4 #3002.05ROCKPT 765 C2 SRT-A		127.76	123.03			
AEP P4 #363.05JEFRSO 765 B1 SRT-A		127.76	123.03			
AEP P4 #8648.05JEFRSO 765 B SRT-A		127.76	123.05			
AEP P4 #9336.05ROCKPT 765 C SRT-A		127.76	123.03			
AEP P5 #11280.05ROCK 05ROCK SRT-A		127.71	123.09			
AP P1-2 PE-500-405I SRT-A		121.50	120.51			
AP P2-3 PE-500-013F SRT-W		114.33	113.34			
AP P2-3 PE-500-013G SRT-W		114.20	113.27			
Base Case		178.30	178.30			
DVP P1-2: LN 2161 SRT-A			131.29			
DVP P4-2: 2161T2174 SRT-A			121.61			
DVP P4-2: 2161T2182 SRT-A			121.61			
DVP P4-2: 536T550 SRT-A			122.47			
DVP P4-4: PLEASASC322 SRT-W			123.80			
DVP P7-1: LN 2161-2174 SRT-A			121.61			
DVP P7-1: LN 2161-2174 SRT-A			120.60			
AEP P1-2 #363.1682 SRT-A		126.05	120.60			
AEP P4 #2942.05KAMMER 765 PP SRT-A		118.48	112.85			
AEP P4 #3002.05ROCKPT 765 C2 SRT-A		118.48	113.36			
AEP P4 #363.05JEFRSO 765 B1 SRT-A		118.48	113.36			
AEP P4 #8648.05JEFRSO 765 B SRT-A		118.48	113.39			
AEP P4 #9336.05ROCKPT 765 C SRT-A		118.48	113.37			
AEP P5 #11280.05ROCK 05ROCK SRT-A			113.45			
AP P1-2 PE-500-405I SRT-A		110.82	109.74			
AP P2-3 PE-500-013F SRT-W		104.31	103.22			
AP P2-3 PE-500-013G SRT-W		104.16	103.14			
Base Case		165.47	165.47			
DVP P1-2: LN 2161 SRT-A			121.53			
DVP P4-2: 2161T2174 SRT-A			112.30			
DVP P4-2: 2161T2182 SRT-A			112.30			
DVP P4-2: 536T550 SRT-A			113.17			
DVP P4-4: PLEASASC322 SRT-W			114.67			
DVP P7-1: LN 2161-2174 SRT-A			112.30			
DVP P7-1: LN 2161-2174 SRT-A			112.30			
208918 SUSQ 1 24.0 SRT-W			124.61			
252500 Z1-079 CT 21.0 SRT-W			115.47			
314938 8WARRENCNTY 500 315273 1WARREN S1 19.0 1 1	345					

Monitored Facility	Areas	Scenario	Cont N Name	Final IAC %Loading		FG #
				Baseline (WIN)	Proposal Containing the Project (WIN)	
			263222 09TAIT E 69.0_SRT-W		115.15	
			270105 Y2-050_STI 18.0_SRT-W		115.36	
			270144 AA2-116_ST 23.5_SRT-W		115.42	
			AEP_P1-1_#4838_05GAVIN 765_2_SRT-A	122.29		
			AEP_P1-1_#5104_06CLIFTY 345_2_SRT-A		115.33	
			AEP_P1-1_#5108_06CLIFTY 345_6_SRT-A		115.34	
			AEP_P1-2_#13927_7875_SRT-A		115.15	
			AEP_P1-2_#15245_SRT-A		117.91	
			AEP_P1-2_#16597_SRT-A		118.21	
			AEP_P1-2_#16657_SRT-A		115.56	
			AEP_P1-2_#16682_SRT-A		115.22	
			AEP_P1-2_#17216_SRT-A		115.56	
			AEP_P1-2_#307_9_SRT-A		123.31	
			AEP_P1-2_#312_8_SRT-A		123.75	
			AEP_P1-2_#314_11977_SRT-A		123.75	
			AEP_P1-2_#3174_6_SRT-A		121.31	
			AEP_P1-2_#363_1682_SRT-A	115.18		
			AEP_P1-2_#41_544_SRT-A		121.60	
			AEP_P1-2_#6063_6121_SRT-A		114.88	
			AEP_P1-2_#6091_14317_SRT-A		114.47	
			AEP_P1-2_#6229_6381_SRT-A		118.57	
			AEP_P1-2_#6510_SRT-A		115.11	
			AEP_P1-2_#7377_15259_SRT-A		114.76	
			AEP_P1-3_#1372_05JOSHUA 765_1_SRT-A		121.88	
			AEP_P1-3_#7014_05COVERT 345_1_SRT-A		115.39	
			AEP_P1-3_#7015_05COVERT 345_2_SRT-A		115.39	
			AEP_P1-3_#7016_05COVERT 345_3_SRT-A		115.38	
			AEP_P1-4_05JFERR SV620.650_SRT-A		118.54	
			AEP_P2-2_#10423_05TWELVE 138_1_SRT-A		107.78	
			AEP_P2-2_#10424_05TRISTA 138_1_SRT-A		107.98	
			AEP_P2-2_#1372_05JOSHUA 765_1_SRT-A		114.57	
			AEP_P2-2_#1377_05JFERR 765_1_SRT-A		107.18	
			AEP_P2-2_#14201_05CLIFFR 138_1_SRT-A		110.90	
			AEP_P2-2_#14758_05GRNGST 138_1_SRT-A		108.29	
			AEP_P2-2_#15250_05JAMES RVR 138_1_SRT-A		110.75	
			AEP_P2-2_#16619_05ADKINS 345_1_SRT-A		107.60	
			AEP_P2-2_#2809_05FOOTHL 345_1_SRT-A		108.24	
			AEP_P2-2_#2815_05WATERFORD 345_2_SRT-A		108.11	
			AEP_P2-2_#2820_05FLTLCK 765_2_SRT-A		108.12	
			AEP_P2-2_#6143_05JFERR 765_2_SRT-A		111.47	
			AEP_P2-2_#6229_05MERIDN 345_1_SRT-A		111.46	
			AEP_P2-2_#6464_05RPMONE 345_1_SRT-A		107.85	
			AEP_P2-2_#7165_05VACITY 138_1_SRT-A		106.59	
			AEP_P2-2_#7222_05MALIS 765_1_SRT-A		107.17	
			AEP_P2-2_#9416_05BEVERL 345_1_SRT-A		106.74	
			AEP_P4_#10170_05AXTON 138_G2_SRT-A		112.31	
			AEP_P4_#10171_05AXTON 138_G_SRT-A		112.29	
			AEP_P4_#10194_05CLIFFR 138_A_SRT-A		110.85	
			AEP_P4_#10218_05DANVLI 138_B_SRT-A		110.75	
			AEP_P4_#11110_05JFERR 765_C1_SRT-A		111.64	
			AEP_P4_#11123_05CLOVRD 765_CC_SRT-A		113.67	
			AEP_P4_#1498_05CULLOD 765_B2_SRT-A		116.33	
			AEP_P4_#15068_05JOSHUA 138_F_SRT-A		114.61	
			AEP_P4_#15069_05JOSHUA 138_F1_SRT-A		114.53	
			AEP_P4_#15258_05CLIFFR 138_CB1_SRT-A		110.90	
			AEP_P4_#15261_05BOXWD 138_CB2_SRT-A		110.84	
			AEP_P4_#15274_05JOSHUA 138_CB4_SRT-A		114.57	

Monitored Facility	Areas	Scenario	Final IAC % Loading		FG #
			Baseline (WIN)	Proposal Containing the Project (WIN)	
		Cont N Name			
		AEP_P4_#16599_05DUNTONLAKE 345_A_SRT-A		110.89	
		AEP_P4_#16600_05DUNTONLAKE 345_A2_SRT-A		110.89	
		AEP_P4_#16658_05GUNN RD SW 345_M_SRT-A		108.61	
		AEP_P4_#16659_05GUNN RD SW 345_M2_SRT-A		108.45	
		AEP_P4_#16660_05GUNN RD SW 345_N1_SRT-A		108.45	
		AEP_P4_#2942_05KAMMER 765_PP_SRT-A	111.62		
		AEP_P4_#2948_05CULLOD 765_B_SRT-A		116.33	
		AEP_P4_#3002_05ROCKPT 765_C2_SRT-A	108.27		
		AEP_P4_#3145_05GAVIN 765_B_SRT-A	114.86		
		AEP_P4_#363_05JEFRSO 765_B1_SRT-A	108.27		
		AEP_P4_#4743_05TIDD 345_CC_SRT-A		111.01	
		AEP_P4_#4838_05GAVIN 765_A2_SRT-A	114.95		
		AEP_P4_#7537_05WYOMIN 765_N_SRT-A		116.33	
		AEP_P4_#7538_05WYOMIN 765_R_SRT-A		116.33	
		AEP_P4_#7588_05J_FERR 765_C_SRT-A		116.33	
		AEP_P4_#8648_05JEFRSO 765_B_SRT-A	108.32		
		AEP_P4_#8982_05SCANTO 345_C_SRT-A		114.33	
		AEP_P4_#9046_05WAGENHALS2 138_C_SRT-A		110.79	
		AEP_P4_#9173_05BROAD 765_P_SRT-A		116.05	
		AEP_P4_#9336_05ROCKPT 765_C_SRT-A	108.27		
		AEP_P4_#9485_05B SAND 138_A_SRT-A		108.05	
		AEP_P4_#9817_05VINE 138_106_SRT-A		110.54	
		AEP_P4_#9920_05WARTON H1 138_D_SRT-A		110.98	
		AEP_P5_#11280_05ROCK_05ROCK_SRT-A	108.56		
		AEP_P5_#11290_05ROBE_05ROBE_SRT-A		110.68	
		AEP_P7-1_#10794_SRT-A		108.29	
		AEP_P7-1_#10810_SRT-A		112.73	
		AEP_P7-1_#10848_SRT-A		111.01	
		AEP_P7-1_#10860_SRT-A		111.25	
		AEP_P7-1_#10945_SRT-A		105.82	
		AEP_P7-1_#10953_SRT-A		111.31	
		AEP_P7-1_#10955_SRT-A		110.94	
		AEP_P7-1_#11021_SRT-A		111.12	
		AEP_P7-1_#11090_SRT-A		110.90	
		AEP_P7-1_#11151_SRT-A		110.55	
		AEP_P7-1_#11196_SRT-A		110.56	
		AEP_P7-1_#14452_SRT-A		110.69	
		AE_P4-2_AETIEI2_SRT-A		114.97	
		AP-P5-5-PE-138-01RIDGLY_CAP_SRT-A		116.46	
		AP-P5-5-PE-138-01RIDGLY_SRT-A		116.46	
		AP_P1-2_MP-500-028_SRT-W		123.75	
		AP_P1-2_PE-138-057_SRT-A		123.76	
		AP_P1-2_PE-500-002I_SRT-W		123.75	
		AP_P1-2_PE-500-004_SRT-W		123.76	
		AP_P1-2_PE-500-404I_SRT-A		123.75	
		AP_P1-2_PE-500-405T_SRT-A		123.75	
		AP_P1-2_WP-138-341I_SRT-A	105.10		
		AP_P1-2_WP-500-006_SRT-A		123.76	
		AP_P1-4_PE-500-001_SRT-A_Dup1		123.75	
		AP_P1-4_PE-500-008A_SRT-A		123.76	
		AP_P2-2_PE-138-013_SRT-A		115.69	
		AP_P2-2_PE-138-021B_SRT-A		116.41	
		AP_P2-2_PE-138-055_SRT-A		116.33	
		AP_P2-2_PE-500-001_SRT-W		116.33	
		AP_P2-2_PE-500-004_SRT-W		116.33	
		AP_P2-2_PE-500-005_SRT-W		116.33	
		AP_P2-2_PE-500-006_SRT-W		116.33	

Monitored Facility	Areas	Scenario	Cont N Name	Final AC %Loading		FG #
				Baseline (WIN)	Proposal Containing the Project (WIN)	
		AP_P2-2_WP-500-DRT11_SRT-W			116.33	
		AP_P2-2_WP-500-DRT9_SRT-W			116.33	
		AP_P2-3_MP-138-206_SRT-A			116.57	
		AP_P2-3_PE-138-008A_SRT-A			116.41	
		AP_P2-3_PE-138-009A_SRT-A			116.41	
		AP_P2-3_PE-500-011_SRT-A			116.33	
		AP_P2-3_PE-500-013F_SRT-W		98.83		
		AP_P2-3_PE-500-013G_SRT-W		98.79		
		AP_P2-3_PE-500-014_SRT-SL			116.33	
		AP_P2-3_PE-500-021T_SRT-A			116.40	
		AP_P7-1_PE-138-007_SRT-A			112.40	
		AP_P7-1_PE-138-010_SRT-A			113.28	
		AP_P7-1_PE-138-012A_SRT-A			111.71	
		AP_P7-1_PE-138-014_SRT-A			116.33	
		AP_P7-1_PE-138-022T_SRT-A			114.40	
		ATSI_P1-2_OEC-345-802_SRT-A			115.43	
		ATSI_P1-2_OEE-345-882_SRT-A			112.95	
		ATSI_P1-2_OEE-345-883_SRT-A			112.78	
		ATSI_P1-2_TE-345-605_SRT-A			113.58	
		ATSI_P1-2_TE-345-613_SRT-A			114.22	
		ATSI_P2-2_TE-138-001A_SRT-A			108.52	
		ATSI_P2-3_OEC-345-004_SRT-W			108.50	
		ATSI_P2-3_TE-138-005AT_SRT-A			108.55	
		ATSI_P2-3_TE-138-066_SRT-A			108.41	
		ATSI_P2-3_TE-138-068C_SRT-A			108.40	
		ATSI_P2-3_TE-345-020_SRT-W			111.63	
		ATSI_P7-1_CEL-138-005A_SRT-A			110.71	
		ATSI_P7-1_TE-345-021_SRT-A			106.45	
		ATSI_P7-1_TE-345-022T_SRT-A			108.40	
		ATSI_P7-1_TE-345-025T_SRT-A			108.65	
		ATSI_P7-1_TE-345-027A_SRT-A			108.45	
		ATSI_P7-1_TE-345-030_SRT-A			108.52	
		ATSI_P7-1_TE-345-031_SRT-A			108.67	
		ATSI_P7-1_TE-345-032T_SRT-A			107.44	
		BG_P1_BRANDON1_SRT-A			124.19	
		BG_P1_BRANDON2_SRT-A			124.19	
		BG_P1_WAGNER3_SRT-A			123.95	
		BG_P7_CNSTN_NWEST2_SRT-A			116.33	
		BG_P7_GRCTN_RAPHEL_SRT-A			116.29	
		BG_P7_NEAST_RPHLRD_SRT-A			116.33	
		BG_P7_NWEST_GRNITE_SRT-A			115.79	
		BG_P7_WCHPL_BRNDN_SRT-A			116.33	
		Base Case		165.01	155.46	
		COMED_P1-2_138-195102_R-N_SRT-A			115.52	
		COMED_P1-2_138-195103_B-N_SRT-A			115.49	
		COMED_P1-2_138-195201_B-R_SRT-A			115.45	
		COMED_P1-2_345-194501_B-S_SRT-A			115.51	
		COMED_P1-2_345-198901_S_SRT-A			115.52	
		COMED_P2-2_009_JO-138B_3A_SRT-A			108.35	
		COMED_P2-2_029_JO-345B_8_SRT-A			107.59	
		COMED_P2-2_029_JO-345R_7_SRT-A			107.50	
		COMED_P2-2_194_SA-138B_1_SRT-A			108.53	
		COMED_P2-2_900_EL-345B_10_SRT-A			107.15	
		COMED_P2-2_900_EL-345R_3_SRT-A			107.66	
		COMED_P4_093-45-BT1-2_SRT-A			108.64	
		COMED_P4_093-45-BT2-3_SRT-A			108.64	
		COMED_P4_178-45-BT1-3_SRT-A			108.55	

Monitored Facility	Areas	Scenario	Final IAC % Loading		FG #
			Baseline (WIN)	Proposal Containing the Project (WIN)	
		Cont Name			
		COMED_P4_178-45-BT2-3_SRT-A		108.55	
		COMED_P7-1_138-L0901_GB-S_*_138-L0902_R-S_SRT-A		110.81	
		COMED_P7-1_138-L11603_R-S_*_138-L11609_B-S_SRT-A		110.53	
		COMED_P7-1_138-L11703_B-N_*_138-L11705_R-N_SRT-A		110.70	
		COMED_P7-1_138-L14403_R-N_*_138-L14405_B-N_SRT-A		110.70	
		COMED_P7-1_138-L15410_R-N_*_138-L15417_B-N_SRT-A		110.60	
		COMED_P7-1_138-L1605_R-N_*_138-L1606_B-N_SRT-A		110.96	
		COMED_P7-1_138-L18505_R-N_*_138-L18506_B-N_SRT-A		110.74	
		COMED_P7-1_138-L6405_R-C_*_138-L6408_B-C_SRT-A		110.56	
		COMED_P7-1_138-L7611_R-S_*_138-L7612_B-S_SRT-A		110.67	
		COMED_P7-1_138-L7615_R-S_*_138-L7616_B-S_SRT-A		110.73	
		COMED_P7-1_138-L7910_B-N_*_138-L7915_R-N_SRT-A		110.58	
		COMED_P7-1_345-L0301_B-S_*_345-L0303_R-S_SRT-A		105.49	
		DEOK_P2-2_623_ARMCO_SRT-A		110.96	
		DEOK_P2-2_DJMICK_SRT-A		110.79	
		DEOK_P2-3_623_ARMCO_SRT-A		110.96	
		DEOK_P5_PORT UNION 138 BUS2+RELAIFAIL_SRT-A		111.34	
		DEOK_P7_4512EBANNERS4516TERMINALEB_SRT-A		105.82	
		DEOK_P7_CIRCUIT198585686_SRT-A		110.96	
		DEOK_P7_CIRCUIT388185483_SRT-A		110.98	
		DLC_P11_GEN-BI234_SRT-A		115.56	
		DLC_P22_CHES-1-138_SRT-A		110.86	
		DLC_P22_CHES-2-138_SRT-A		110.86	
		DLC_P23_CHES-Z-66_SRT-A		110.99	
		DLC_P24_CHES-1-3-138_SRT-A		110.87	
		DLC_P24_CHES-2-4-138_SRT-A		110.87	
		DPL_P2-2_DP2_HRI&3_SRT-A		110.95	
		DPL_P7_1_B47_DPL1_SRT-A		112.88	
		DPL_P7_1_B47_DPL2_SRT-W		112.88	
		DPL_P7_1_B47_DPL3_SRT-A		112.46	
		DVP_P1-1: G-1 IN ANNA1_SRT-A		124.40	
		DVP_P1-1: G-1 ISURRY_1_SRT-A		124.33	
		DVP_P1-1: G-2 IN ANNA2_SRT-A		124.40	
		DVP_P1-1: G-S1 IZ1-086 ST_SRT-A		124.15	
		DVP_P1-2: 08 LOUDOUN 500KV CAP 1_SRT-A		123.76	
		DVP_P1-2: Barrister 230KV CAP 1_SRT-A		123.76	
		DVP_P1-2: DOUBS 500KV CAP 1_SRT-A		123.75	
		DVP_P1-2: LN 2041_SRT-A		124.00	
		DVP_P1-2: LN 2125_SRT-W		123.97	
		DVP_P1-2: LN 2161_SRT-A	117.58		
		DVP_P1-2: LN 509_SRT-A		124.67	
		DVP_P1-2: LN 535_SRT-A		123.75	
		DVP_P1-2: LN 541_SRT-W		123.75	
		DVP_P1-2: LN 569_SRT-W		123.75	
		DVP_P1-2: LN 596_SRT-A	124.84		
		DVP_P1-2: LN SPOT2VINT_2nd_SRT-A		123.75	
		DVP_P1-3: 6CLOVER-GSU-1_SRT-A		124.06	
		DVP_P1-3: 8NO ANNA-GSU-1_SRT-A		124.40	
		DVP_P1-3: 8NO ANNA-GSU-2_SRT-A		124.40	
		DVP_P1-3: 8SURRY-GSU-2_SRT-A		124.33	
		DVP_P2-2: BREMO B1_SRT-A		116.72	
		DVP_P2-2: CLIFTON B2_SRT-A		115.09	
		DVP_P2-2: LOUDOUN B1_SRT-W		116.34	
		DVP_P2-2: LOUDOUN B3_SRT-A		116.12	
		DVP_P2-2: MORRISVILLE B1_SRT-W		116.33	
		DVP_P2-2: OX B2_SRT-W		114.54	
		DVP_P4-1: G102-2_SRT-W		116.94	
		DVP_P4-1: G102_SRT-A		116.87	

Monitored Facility	Areas	Scenario	Cont N Name	Final AC %Loading		FG #
				Baseline (WIN)	Proposal Containing the Project (WIN)	
		DVP_P4-1: G1CA2_SRT-A			117.19	
		DVP_P4-1: G202_SRT-W			116.94	
		DVP_P4-1: G512_SRT-W			116.69	
		DVP_P4-1: G1372_SRT-A			116.63	
		DVP_P4-1: SURRY G202_SRT-W			116.87	
		DVP_P4-2: 20112_SRT-A			116.80	
		DVP_P4-2: 2106T2111_SRT-A			116.72	
		DVP_P4-2: 211462_SRT-A		115.26	116.49	
		DVP_P4-2: 2146T2130_SRT-W		106.01		
		DVP_P4-2: 2161T2182_SRT-A		106.01		
		DVP_P4-2: 2161T2222_SRT-A		113.87		
		DVP_P4-2: 265T2008_SRT-A		114.26		
		DVP_P4-2: 50962_SRT-W				
		DVP_P4-2: 509T570_SRT-A			117.19	
		DVP_P4-2: G21575_SRT-W			117.19	
		DVP_P4-2: H2T548_SRT-W			116.94	
		DVP_P4-2: H3T548_SRT-W			116.96	
		DVP_P4-2: Y1596_SRT-W		117.35	116.96	
		DVP_P4-3: H1H3_SRT-A		117.62	117.35	
		DVP_P4-3: WAXPOOL H122_SRT-A		112.68		
		DVP_P4-4: PLEASA SC322_SRT-W		112.60		
		DVP_P7-1: LN 11-2199_SRT-A			116.28	
		DVP_P7-1: LN 2-2199_SRT-A			115.41	
		DVP_P7-1: LN 2008-265_SRT-A		114.26		
		DVP_P7-1: LN 2013-248_SRT-W			113.22	
		DVP_P7-1: LN 2015-2043_SRT-A			113.86	
		DVP_P7-1: LN 2023-248_SRT-A			113.57	
		DVP_P7-1: LN 2039-2040_SRT-W			112.76	
		DVP_P7-1: LN 2109-253_SRT-W			116.72	
		DVP_P7-1: LN 2106-2111_SRT-A			113.13	
		DVP_P7-1: LN 213-225_SRT-A			113.21	
		DVP_P7-1: LN 2161-2174_SRT-A		106.01		
		DVP_P7-1: LN 2168-555_SRT-A			116.33	
		DVP_P7-1: LN 227-274_SRT-W			116.29	
		DVP_P7-1: LN 535-2114_SRT-W			116.33	
		DVP_P7-1: LN 569-2030_SRT-W			116.33	
		DVP_P7-1: LN 569-2101_SRT-W			116.33	
		DVP_P7-1: LN 569-9286-2163_SRT-A			114.95	
		DVP_P7-1: LN 569-9307_SRT-W			116.33	
		DVP_P7-1: LN 9344-9345_SRT-A			116.33	
		EXT_255205 17REYNOLDS 345 255516 17J913-INXR 345 1_SRT-W			115.39	
		EXT_255501 17837_838 345 255516 17J913-INXR 345 1_SRT-W			115.39	
		EXT_306836 WOODLF 500 309057 8GODBEYRTR 500 1_SRT-W			123.76	
		JC_P7-1 JCN-230-24T_SRT-A			111.85	
		JC_P7-1 JCN-230-26T_SRT-A			111.96	
		ME_P1-2_ME-115-009_SRT-A			122.86	
		ME_P1-3_ME-115-002_SRT-A			122.56	
		ME_P2-2_ME-115-003_SRT-A			115.21	
		ME_P2-2_ME-230-004_SRT-A			114.27	
		ME_P2-4_ME-115-0102-B134_SRT-A			116.35	
		ME_P7-1_ME-230-640T_SRT-A			112.42	
		PECO_P1-1_LIMER-U2_SRT-A/* \$ MONTICO \$ PECO P1-1_LIMER-U2 \$ U			124.52	
		PECO_P1-1_PEACH-U2_SRT-A/* \$ CHESCO \$ PECO P1-1_PEACH-U2 \$ U			124.63	
		PECO_P1-1_PEACH-U3_SRT-A/* \$ CHESCO \$ PECO P1-1_PEACH-U3 \$ U			124.65	
		PECO_P1-3_PEACH-GSU2_SRT-A/* \$ CHESCO \$ PECO P1-3_PEACH-GSU2 \$ T			124.63	
		PECO_P1-3_PEACH-GSU3_SRT-A/* \$ CHESCO \$ PECO P1-3_PEACH-GSU3 \$ T			124.64	
		PECO_P2-2_CON230BD_SRT-A/* \$ CHESCO \$ PECO P2-2_CON230BD \$ B			112.15	

Monitored Facility	Areas	Scenario Cont Name	Final AC %Loading		FG #
			Baseline (WIN)	Proposal Containing the Project (WIN)	
		PECO_P2-2_CON230BU_SRT-A/* \$ CHESCO \$ PECO_P2-2_CON230BU \$ B		111.57	
		PECO_P2-2_EMI230B7_SRT-A/* \$ BUCKS \$ PECO_P2-2_EMI230B7 \$ B		113.07	
		PECO_P2-2_EMI230B9_SRT-A/* \$ BUCKS \$ PECO_P2-2_EMI230B9 \$ B		113.06	
		PECO_P2-2_NOTT230B_SRT-A/* \$ CHESCO \$ PECO_P2-2_NOTT230B \$ B		111.01	
		PECO_P2-2_PHILLIPS-BUS_SRT-A/* \$ DELCO \$ PECO_P2-2_PHILLIPS-BUS \$ B		111.66	
		PECO_P4_PEACH035_SRT-A/* \$ CHESCO \$ PECO_P4_PEACH035 \$ STBK		113.68	
		PECO_P4_PEACH065_SRT-A/* \$ CHESCO \$ PECO_P4_PEACH065 \$ STBK		117.17	
		PECO_P4_PEACH215_SRT-A/* \$ CHESCO \$ PECO_P4_PEACH215 \$ STBK		117.15	
		PECO_P4_PEACH225_SRT-A/* \$ CHESCO \$ PECO_P4_PEACH225 \$ STBK		117.15	
		PECO_P4_PEACH235_SRT-A/* \$ CHESCO \$ PECO_P4_PEACH235 \$ STBK		116.33	
		PECO_P4_PEACH245_SRT-A/* \$ CHESCO \$ PECO_P4_PEACH245 \$ STBK		116.85	
		PECO_P7-1_220-0607_SRT-A/* \$ CHESCO \$ PECO_P7-1_220-0607 \$ DCT		116.81	
		PECO_P7-1_220-9091_SRT-A/* \$ BUCKS \$ PECO_P7-1_220-9091 \$ DCT		116.79	
		PEPCO_X4-035_TAP_X035_GSU_SRT-A		124.06	
		PJM500_PS_P1-1_HOPC_G1_SRT-A		124.56	
		PJM500_PS_P1-1_SALM_G1_SRT-A		124.53	
		PJM500_PS_P1-1_SALM_G2_SRT-A		124.53	
		PJM500_PS_P1-2_GENI-GSA_SRT-A		124.53	
		PJM500_PS_P1-2_GENI-GSA_SRT-A		124.53	
		PJM500_PS_P1-2_GHC-GSA-SUM_SRT-A		124.56	
		PJM500_PS_P2-3_HOPC_2-6D_SRT-W		117.08	
		PJM500_PS_P2-3_HOPC_2-6_SRT-A		117.08	
		PJM500_PS_P2-3_HOPC_5-6_SRT-A		117.08	
		PJM500_PS_P2-3_SALM_1-5_SRT-A		117.06	
		PJM500_PS_P2-3_SALM_5-6_SRT-A		117.06	
		PJM_500_BG_P2_CNSTN_230-N_SRT-A		115.07	
		PJM_500_BG_P2_CNSTN_230-S_SRT-A		115.09	
		PJM_500_BG_P4_5_CLVT_63_SRT-A		116.87	
		PL_02_P71_001017_SRT-A		112.66	
		PL_03_P71_102109_SRT-A		112.43	
		PL_04_P71_001014_SRT-A		111.11	
		PL_04_P71_100954_SRT-A		108.52	
		PL_04_P71_100955_SRT-A		108.52	
		PL_05_P22_000674_SRT-A		114.76	
		PL_05_P71_000906_SRT-A		115.21	
		PL_08_P11_000793_SRT-A		124.56	
		PL_08_P11_001447_SRT-A		124.56	
		PL_08_P22_102799_SRT-A		113.86	
		PL_08_P22_102801_SRT-A		113.66	
		PL_08_P41_101296_SRT-A		117.09	
		PL_08_P41_101297_SRT-A		117.09	
		PL_10_P22_100587_SRT-A		113.13	
		PL_10_P22_100588_SRT-A		112.39	
		PL_10_P41_100568_SRT-A		116.99	
		PL_11_P22_000176_SRT-A		114.59	
		PL_20_P71_001322_SRT-A		111.74	
		PL_48_P11_000840_SRT-A		124.61	
		PL_48_P12_000189_SRT-A		124.61	
		PL_48_P41_102622_SRT-A		117.13	
		PL_48_P42_000438_SRT-A		117.13	
		PL_48_P42_100926_SRT-A		117.13	
		PL_48_P71_102649_SRT-A		117.13	
		PN_P1-2_PN-115-094_A_SRT-A		121.19	
		PN_P1-2_PN-115-094_SRT-A		120.61	
		PN_P1-2_PN-500-007_SRT-A		123.75	
		PN_P1-2_PN-500-010T_SRT-A		123.75	
		PN_P1-3_PN-115-040_SRT-A		120.75	

Monitored Facility	Areas	Scenario	Final IAC % Loading		FG #
			Baseline (WIN)	Proposal Containing the Project (WIN)	
314939 8GOOSE CREEK 500 313904 6GOOSECRK 230 1 1	345	Cont N Name			
		PN_P1-3_PN-115-118_SRT-A	120.36		
		PN_P2-2_PN-230-007T_SRT-A	116.27		
		PN_P2-3_PN-230-14CT_SRT-A	116.33		
		PN_P2-3_PN-500-001C-DRT_SRT-A	116.33		
		PN_P2-3_PN-500-001D-DRT_SRT-W	116.33		
		PN_P2-3_PN-500-997-DRT-073_SRT-W	116.87		
		PN_P2-3_PN-500-997-DRT-074_SRT-W	116.33		
		PP7_SRT-A	112.81		
		SMECO_P2.2_SMECO-21_SOLLERS_WHAFF_230KV_BUS_SRT-A	107.86		
		V3-017-ST-GEN_SRT-A	123.96		
		AEP_P1-2_#363_1682_SRT-A	91.29		
		AP_P1-2_PE-230-006_SRT-A	91.25		
		AP_P1-2_PE-230-425T_SRT-A	91.33		
		AP_P1-2_PE-230-426T_SRT-A	90.25		
		AP_P1-3_PE-500-001_SRT-A	90.25		
		AP_P1-3_PE-500-002_SRT-A	90.25		
		AP_P1-3_PE-500-003_SRT-A	90.38		
		AP_P1-3_PE-500-004_SRT-A	90.25		
		AP_P1-4_PE-500-001_SRT-A_Dup1			
		AP_P2-3_PE-230-040B_SRT-W			
		AP_P2-3_PE-230-040_SRT-A			
		AP_P2-3_PE-230-313T_SRT-A			
		Base Case			
		DICK TO EDFERRY_SRT-A	97.67		
		DVP_P1-1: G-1A 1X4-039 GT1_SRT-A	91.89		
		DVP_P1-1: G-1S 1X4-039 ST_SRT-A	92.98		
		DVP_P1-2: DOUBS 500KV CAP 1_SRT-A			
		DVP_P1-2: LN 2218_SRT-A	91.07		
		DVP_P1-2: LN 541_SRT-W			
		DVP_P1-2: LN 595_SRT-A	106.35		
		DVP_P1-2: LN 5XX-1_SRT-A			
		DVP_P1-2: LN 9303_SRT-A	97.27		
		DVP_P1-2: LN 9345_SRT-A	96.34		
DVP_P1-2: LN SPOT2VINT 2nd_SRT-A	90.71				
DVP_P1-3: BRAMBLETON-TX#2_SRT-A	95.72				
DVP_P1-3: BLOUDOUN-TX#1_SRT-A	92.35				
DVP_P1-3: BLOUDOUN-TX#2_SRT-A	92.36				
DVP_P1-3: BLOUDOUN-TX#3_SRT-A	105.75				
DVP_P1-3: 8PL VIEW-TX#9_SRT-A	96.34				
DVP_P1-3: 8W5HNGSTAR-TX#1_SRT-A	98.77				
DVP_P1-4: 68BELMONT 6X4-039GAS 1_SRT-A					
DVP_P2-2: BRAMBLETON B5_SRT-W	93.49				
DVP_P4-2: 20212175_SRT-A					
DVP_P4-2: 209402_SRT-A	91.01				
DVP_P4-2: 2149T214_SRT-A					
DVP_P4-2: 217352_SRT-A					
DVP_P4-2: 217812_SRT-A	92.77				
DVP_P4-2: 9233T9234_SRT-A					
DVP_P4-2: L3T203_SRT-A	104.37				
DVP_P4-2: L3T203_SRT-W					
DVP_P4-2: L3T2180_SRT-W	105.77				
DVP_P4-3: H402_SRT-A					
DVP_P4-6: 9344T1_SRT-A	106.61				
DVP_P4-6: 9349T1_SRT-A	95.41				
DVP_P4-6: WISHI 9344T2_SRT-A					
DVP_P7-1: LN 2095-2137_SRT-A					
DVP_P7-1: LN 9344-9345_SRT-A	106.61				
PEPCO_P1_PPIA_A_SRT-A	91.04				

Monitored Facility	Areas	Scenario	Final IAC % Loading		FG #
			Baseline (WIN)	Proposal Containing the Project (WIN)	
314942 8FLUVANNAEAS 500 315216 1CUNINGA 18.0 1 1	345	Cont N Name			
		PEPCO P1_PP1A_SRT-A	91.02	94.23	
		PEPCO P4_PP16_SRT-A	91.82	93.92	
		PEPCO P4_PP18_SRT-A	91.96	94.07	
		PEPCO P4_PP20_SRT-A	91.94	94.05	
		PEPCO P5_8PEPCO_SRT-A	93.09	95.28	
		PEPCO P7_1PEPCO_SRT-A	90.80	93.57	
		PJM_500_BG_P1_5072_SRT-A	90.52	93.71	
		PP7_SRT-A	91.82	93.92	
		Base Case	103.14	103.14	
		DVP_P1-2: LN 534_SRT-W	92.33	91.72	
		DVP_P4-2: 534T542_SRT-W	93.03	90.13	
		Base Case	92.47	92.47	
		Base Case	92.61	92.61	
		AEP_P1-2_#363_1682_SRT-A	90.04	90.04	
		AP_P1-2_PE-500-004_SRT-W		90.16	
		AP_P1-2_PE-500-402AT_SRT-A		90.16	
		AP_P1-2_WP-500-006_SRT-A	90.16	90.16	
		AP_P1-1: G-1 IN ANNA1_SRT-A		90.16	
		DVP_P1-1: G-2 IN ANNA2_SRT-A		90.70	
DVP_P1-1: G-2 ISURRY 2_SRT-A	90.43	90.68			
DVP_P1-2: LN 511_SRT-W	90.16	90.45			
DVP_P1-2: LN 553_SRT-W	90.16	90.16			
DVP_P1-2: LN 592_SRT-A	90.16	90.16			
DVP_P1-2: LN 592_SRT-A	90.94	90.94			
DVP_P1-3: 8NO ANNA-GSU-1_SRT-A	90.68	90.70			
DVP_P1-3: 8NO ANNA-GSU-2_SRT-A	90.48	90.70			
DVP_P1-3: 8SURREY-GSU-2_SRT-A	90.64	90.51			
PECO_P1-2_5012_SRT-A/* \$ CHESCO \$ PECO P1-2_5012 \$ L	90.16	90.16			
PJM_500_BG_P1_5011_SRT-A		90.16			
AP_P1-2_PE-500-004_SRT-W		90.14			
AP_P1-2_PE-500-402AT_SRT-A		90.14			
AP_P1-2_PE-500-402BT_SRT-A	90.14	90.14			
AP_P1-2_WP-500-006_SRT-A	90.14	90.14			
DVP_P1-1: G-1 IN ANNA1_SRT-A	90.62	90.68			
DVP_P1-1: G-2 IN ANNA2_SRT-A	90.40	90.66			
DVP_P1-1: G-2 ISURRY 2_SRT-A	90.62	90.43			
DVP_P1-2: LN 511_SRT-W	90.14	90.14			
DVP_P1-2: LN 553_SRT-W	90.14	90.14			
DVP_P1-2: LN 592_SRT-A	90.92	90.92			
DVP_P1-3: 8NO ANNA-GSU-1_SRT-A	90.66	90.68			
DVP_P1-3: 8NO ANNA-GSU-2_SRT-A	90.46	90.68			
DVP_P1-3: 8SURREY-GSU-2_SRT-A	90.62	90.49			
PECO_P1-2_5012_SRT-A/* \$ CHESCO \$ PECO P1-2_5012 \$ L	90.14	90.14			
PJM_500_BG_P1_5011_SRT-A		90.14			
AP_P1-2_PE-500-004_SRT-W		90.14			
AP_P1-2_PE-500-402AT_SRT-A		90.14			
AP_P1-2_PE-500-402BT_SRT-A	90.14	90.14			
AP_P1-2_WP-500-006_SRT-A	90.14	90.14			
DVP_P1-1: G-1 IN ANNA1_SRT-A	90.62	90.68			
DVP_P1-1: G-2 IN ANNA2_SRT-A	90.40	90.66			
DVP_P1-1: G-2 ISURRY 2_SRT-A	90.62	90.43			
DVP_P1-2: LN 511_SRT-W	90.14	90.14			
DVP_P1-2: LN 553_SRT-W	90.14	90.14			
DVP_P1-2: LN 592_SRT-A	90.92	90.92			
DVP_P1-3: 8NO ANNA-GSU-1_SRT-A	90.66	90.68			
DVP_P1-3: 8NO ANNA-GSU-2_SRT-A	90.46	90.68			
DVP_P1-3: 8SURREY-GSU-2_SRT-A	90.62	90.49			
PECO_P1-2_5012_SRT-A/* \$ CHESCO \$ PECO P1-2_5012 \$ L	90.14	90.14			
PJM_500_BG_P1_5011_SRT-A		90.14			
AP_P1-2_PE-500-004_SRT-W		90.14			
AP_P1-2_PE-500-402AT_SRT-A		90.14			
AP_P1-2_PE-500-402BT_SRT-A	90.14	90.14			
AP_P1-2_WP-500-006_SRT-A	90.14	90.14			
DVP_P1-1: G-1 IN ANNA1_SRT-A	90.62	90.68			
DVP_P1-1: G-2 IN ANNA2_SRT-A	90.40	90.66			
DVP_P1-1: G-2 ISURRY 2_SRT-A	90.62	90.43			
DVP_P1-2: LN 511_SRT-W	90.14	90.14			
DVP_P1-2: LN 553_SRT-W	90.14	90.14			
DVP_P1-2: LN 592_SRT-A	90.92	90.92			
DVP_P1-3: 8NO ANNA-GSU-1_SRT-A	90.66	90.68			
DVP_P1-3: 8NO ANNA-GSU-2_SRT-A	90.46	90.68			
DVP_P1-3: 8SURREY-GSU-2_SRT-A	90.62	90.49			
PECO_P1-2_5012_SRT-A/* \$ CHESCO \$ PECO P1-2_5012 \$ L	90.14	90.14			
PJM_500_BG_P1_5011_SRT-A		90.14			
AP_P1-2_PE-500-004_SRT-W		90.14			
AP_P1-2_PE-500-402AT_SRT-A		90.14			
AP_P1-2_PE-500-402BT_SRT-A	90.14	90.14			
AP_P1-2_WP-500-006_SRT-A	90.14	90.14			
DVP_P1-1: G-1 IN ANNA1_SRT-A	90.62	90.68			
DVP_P1-1: G-2 IN ANNA2_SRT-A	90.40	90.66			
DVP_P1-1: G-2 ISURRY 2_SRT-A	90.62	90.43			
DVP_P1-2: LN 511_SRT-W	90.14	90.14			
DVP_P1-2: LN 553_SRT-W	90.14	90.14			
DVP_P1-2: LN 592_SRT-A	90.92	90.92			
DVP_P1-3: 8NO ANNA-GSU-1_SRT-A	90.66	90.68			
DVP_P1-3: 8NO ANNA-GSU-2_SRT-A	90.46	90.68			
DVP_P1-3: 8SURREY-GSU-2_SRT-A	90.62	90.49			
PECO_P1-2_5012_SRT-A/* \$ CHESCO \$ PECO P1-2_5012 \$ L	90.14	90.14			

Monitored Facility	Areas	Scenario	Final IAC %Loading		FG #
			Baseline (WIN)	Proposal Containing the Project (WIN)	
314947 8GREENSVILLE 500 315244 1Z1-086 ST 24.0 1 1	345	PJM_500_BG_P1_5011_SRT-A		90.14	
		AEP_P1-2_#311_5_SRT-A	240.35	238.85	
		AEP_P1-2_#363_1682_SRT-A	239.02	240.51	
		AEP_P1-2_#37_12_SRT-A	225.85	238.98	
		AEP_P4_#11123_05CLOVRD765_CC_SRT-A	225.93	224.52	
		AEP_P4_#2942_05KAMMER765_PP_SRT-A	225.93	225.88	
		AEP_P4_#3002_05ROCKPT765_C2_SRT-A	225.93	226.08	
		AEP_P4_#363_05JEFRSO765_B1_SRT-A	224.68	226.08	
		AEP_P4_#37_05MOUNTN765_B1_SRT-A	224.65	224.64	
		AEP_P4_#7587_05J.FERR765_B_SRT-A	225.92	224.58	
		AEP_P4_#8648_05JEFRSO765_B_SRT-A	225.93	226.08	
		AEP_P4_#9336_05ROCKPT765_C_SRT-A	225.85	226.08	
		AEP_P5_#11280_05ROCK_05ROCK_SRT-A	239.27	238.87	
		AP_P1-2_MP_500-026_SRT-W	239.15	238.99	
		AP_P1-2_MP_500-511I_SRT-W	239.15	239.36	
		AP_P1-2_PE_500-002I_SRT-W	242.29	251.84	
		AP_P1-2_PE_500-004I_SRT-W	239.80	243.60	
		AP_P1-2_PE_500-402AT_SRT-A	239.80	242.01	
		AP_P1-2_PE_500-404I_SRT-A	225.73	239.78	
		AP_P1-2_WP_500-006_SRT-A	225.73	251.84	
		AP_P2-3_PE_500-012_SRT-W	241.34	225.69	
		AP_P2-3_PE_500-014_SRT-SL	241.34	236.74	
		AP_P2-3_PE_500-014_SRT-W	241.34	236.74	
		AP_P2-3_PE_500-018_SRT-W	225.16	236.74	
		AP_P2-3_PE_500-018_SRT-W	225.27	225.43	
		AP_P2-3_PE_500-019B_SRT-A	225.13		
		AP_P2-3_PE_500-019C_SRT-W	225.09		
		AP_P2-3_PE_500-019D_SRT-W		229.71	
		AP_P2-3_WP_500-466_SRT-A		236.73	
		AP_P2-3_WP_500-DRT19_SRT-W		236.73	
		ATSL_P1-1_CEI-345-711_SRT-A	239.08	239.16	
		BG_P1_BRANDON1_SRT-A	239.35	239.49	
		BG_P1_BRANDON2_SRT-A	239.38	239.50	
		Base Case	237.04	236.88	
		DVP_P1-1: G-1 IN ANNA1_SRT-A	241.73	242.28	
		DVP_P1-1: G-2 IN ANNA2_SRT-A	241.52	241.77	
		DVP_P1-1: G-2 IZ1-086_GT2_SRT-A	239.87	239.95	
		DVP_P1-2: LN 511_SRT-W	256.75	256.75	
		DVP_P1-2: LN 535_SRT-A	239.80	239.78	
		DVP_P1-2: LN 541_SRT-W		239.69	
		DVP_P1-2: LN 548_SRT-W	239.49		
		DVP_P1-2: LN 553_SRT-W	256.75	256.75	
		DVP_P1-2: LN 556_SRT-A	239.94	239.64	
		DVP_P1-2: LN 591_SRT-W	246.74	245.86	
		DVP_P1-2: LN 592_SRT-A	244.55	245.01	
DVP_P1-3: 8NO ANNA-GSU-1_SRT-A	241.77	242.57			
DVP_P1-3: 8NO ANNA-GSU-2_SRT-A	241.57	241.95			
DVP_P1-3: 8SURREY-GSU-2_SRT-A	241.74	241.48			
DVP_P4-1: WARREN GIS42_SRT-A	229.88				
DVP_P4-2: 20112_SRT-A	225.89	226.09			
DVP_P4-2: 51172_SRT-W	241.34	241.34			
DVP_P4-2: 51192_SRT-W	241.34	241.34			
DVP_P4-2: 511544_SRT-W	241.34	241.34			
DVP_P4-2: 511587_SRT-W	241.34	241.34			
DVP_P4-2: 5341564_SRT-W	234.06	236.11			
DVP_P4-2: 5411592_SRT-W		240.19			
DVP_P4-2: 5421553_SRT-W	241.88	241.88			

Monitored Facility	Areas	Scenario	Final IAC %Loading		FG #
			Baseline (WIN)	Proposal Containing the Project (WIN)	
		Cont N Name			
		DVP_P4-2:5537564_SRT-W	242.21	242.21	
		DVP_P4-2:5877591_SRT-W	241.34	241.34	
		DVP_P4-2:591921_SRT-W	237.04	236.07	
		DVP_P4-2:591922_SRT-W	237.04	236.07	
		DVP_P4-2:H1T553_SRT-W	241.34	241.34	
		DVP_P4-2:H2T553_SRT-W	241.34	241.34	
		DVP_P4-2:XT591_SRT-W	231.93	231.11	
		DVP_P7-1:LN535-2114_SRT-W	225.54	225.48	
		PECO_P1-1_PEACH-U2_SRT-A/* \$ CHESCO \$ PECO_P1-1_PEACH-U2 \$ U	240.71	240.67	
		PECO_P1-1_PEACH-U3_SRT-A/* \$ CHESCO \$ PECO_P1-1_PEACH-U3 \$ U	240.76	240.72	
		PECO_P1-2_5012_SRT-A/* \$ CHESCO \$ PECO_P1-2_5012 \$ L	241.58	240.63	
		PECO_P1-3_LIMER-GSU2_SRT-A/* \$ MONICO \$ PECO_P1-3_LIMER-GSU2 \$ T	240.17	239.97	
		PECO_P1-3_PEACH-GSU2_SRT-A/* \$ CHESCO \$ PECO_P1-3_PEACH-GSU2 \$ T	240.77	240.68	
		PECO_P1-3_PEACH-GSU3_SRT-A/* \$ CHESCO \$ PECO_P1-3_PEACH-GSU3 \$ T	240.82	240.75	
		PECO_P4_PEACH015_SRT-A/* \$ CHESCO \$ PECO_P4_PEACH015 \$ STBK	226.32	226.27	
		PECO_P4_PEACH065_SRT-A/* \$ CHESCO \$ PECO_P4_PEACH065 \$ STBK	226.24	226.12	
		PECO_P4_PEACH215_SRT-A/* \$ CHESCO \$ PECO_P4_PEACH215 \$ STBK	226.31	226.24	
		PECO_P4_PEACH225_SRT-A/* \$ CHESCO \$ PECO_P4_PEACH225 \$ STBK	226.27	226.23	
		PECO_P4_PEACH235_SRT-A/* \$ CHESCO \$ PECO_P4_PEACH235 \$ STBK	227.09	226.19	
		PECO_P7-1_220-0607_SRT-A/* \$ CHESCO \$ PECO_P7-1_220-0607 \$ DCT	224.80	224.52	
		PECO_P7-1_220-9091_SRT-A/* \$ BUCKS \$ PECO_P7-1_220-9091 \$ DCT	224.71	224.52	
		PECO_X4-035_TAP_X035_GSU_SRT-A		238.99	
		PJM500_PS_P1-1_HOPC_G1_SRT-A	240.33	240.15	
		PJM500_PS_P1-2_GEN1-GSA_SRT-A	240.26	240.08	
		PJM500_PS_P1-2_GEN2-GSA_SRT-A	240.24	240.06	
		PJM500_PS_P1-2_GHC-GSA-SUM_SRT-A	240.36	240.18	
		PJM500_PS_P2-3_HOPC_2-6D_SRT-W	225.98	225.84	
		PJM500_PS_P2-3_HOPC_2-6_SRT-A	225.98	225.84	
		PJM500_PS_P2-3_HOPC_5-6_SRT-A	225.93	225.76	
		PJM500_PS_P2-3_SALM_1-5_SRT-A	225.85	225.68	
		PJM_500_BG_P1_5011_SRT-A		243.11	
		PJM_500_BG_P1_CCLFG1_SRT-A	240.60	240.81	
		PJM_500_BG_P1_CCLFG2_SRT-A	240.48	240.71	
		PJM_500_BG_P4_5_CLVT_23_SRT-A	226.22	226.41	
		PJM_500_BG_P4_5_CLVT_63_SRT-A	226.36	226.56	
		PJM_500_BG_P4_5_CNSTN_B_SRT-A	226.75	226.56	
		PJM_500_BG_P4_5_CNSTN_C_SRT-A	226.44	226.84	
		PJM_500_BG_P4_5_CNSTN_J_SRT-A		228.64	
		PL_02_P42_001063_SRT-A	224.79	224.51	
		PL_08_P11_000793_SRT-A	240.41	240.19	
		PL_08_P11_001446_SRT-A	240.41	240.19	
		PL_08_P11_001447_SRT-A	240.41	240.19	
		PL_08_P41_101296_SRT-A	225.98	225.77	
		PL_08_P41_101297_SRT-A	225.99	225.79	
		PL_10_P41_100568_SRT-A	225.56	225.39	
		PL_40_P11_001448_SRT-A	240.39	240.17	
		PL_40_P11_001449_SRT-A	240.39	240.17	
		PL_48_P12_000189_SRT-A	240.30	240.05	
		PL_48_P41_102622_SRT-A	225.89	225.65	
		PL_48_P42_000438_SRT-A	225.89	225.65	
		PL_48_P42_100926_SRT-A	225.89	225.65	
		PL_48_P71_102649_SRT-A	225.89	225.65	
		PN_P1-2_PN-500-010T_SRT-A		238.92	
		PN_P2-3_PN-500-997-DRT-073_SRT-W	225.23	225.09	
		242893_05AMG3_26.0_SRT-W	103.28	103.28	
		242894_05MTG1_26.0_SRT-W	103.26	103.26	
		243186_05GVG1_26.0_SRT-W	103.33	103.32	

3152011BATH 1A 20.5 998757 BATH 3W1 20.5 1.1 345

Monitored Facility	Areas	Scenario	Final IAC % Loading		FG #
			Baseline (WIN)	Proposal Containing the Project (WIN)	
315202 1BATH 2B 20.5 998757 BATH 3W1 20.5 1.1		Cont N Name			
		243187 05VG62 26.0 SRT-W	103.34	103.34	
		243442 05RKG1 26.0 SRT-W	103.27	103.27	
		AEP_P1-1_#4838_05GAVIN 765 2 SRT-A	103.35	103.35	
		AEP_P1-1_#4839_05ROCKPT 765 1 SRT-A	103.28	103.28	
		AEP_P1-1_#4959_05GAVIN 765 1 SRT-A	103.28	103.28	
		AEP_P1-1_#4965_05AMOS 765 3 SRT-A	103.29	103.29	
		AEP_P1-2_#10135 SRT-A	103.28	103.28	
		AEP_P1-2_#10136 SRT-A	103.26	103.26	
		AEP_P1-2_#363 1682 SRT-A	104.34	104.34	
		AEP_P4_#2839_05AMOS 765 T2 SRT-A	97.09	97.09	
		AEP_P4_#3002_05ROCKPT 765 C2 SRT-A	98.08	98.07	
		AEP_P4_#3146_05GAVIN 765 A SRT-A	97.15	97.15	
		AEP_P4_#363_05JEFRSO 765 B1 SRT-A	98.08	98.07	
		AEP_P4_#4838_05GAVIN 765 A2 SRT-A	97.15	97.15	
		AEP_P4_#8648_05JEFRSO 765 B SRT-A	98.07	98.07	
		AEP_P4_#9335_05ROCKPT 765 A SRT-A	97.08	97.08	
		AEP_P4_#9336_05ROCKPT 765 C SRT-A	98.08	98.07	
		AEP_P5_#11280_05ROCK_05ROCK SRT-A	98.03	98.03	
		Base Case	102.24	102.24	
		DVP_P1-2: LN 509 SRT-A	103.29	103.29	
		DVP_P1-2: LN 592 SRT-A	103.31	103.31	
		DVP_P1-2: LN 596 SRT-A	103.48	103.48	
		DVP_P4-1: G1C42 SRT-A	97.09	97.09	
		DVP_P4-1: WARREN G1S42 SRT-A	97.11	97.11	
		DVP_P4-2: 50962 SRT-W	97.09	97.09	
		DVP_P4-2: 509T570 SRT-A	97.09	97.09	
		DVP_P4-2: 541T580 SRT-W	NConv	97.08	
		DVP_P4-2: 541T592 SRT-W	NConv	97.11	
		DVP_P4-2: 580T582 SRT-A	NConv	97.11	
		DVP_P4-2: Y1596 SRT-W	97.27	97.27	
		PECO_P1-1 PEACH-U2 SRT-A/* \$ CHESCO \$ PECO P1-1 PEACH-U2 \$ U	103.24	103.24	
		PECO_P1-1 PEACH-U3 SRT-A/* \$ CHESCO \$ PECO P1-1 PEACH-U3 \$ U	103.25	103.26	
		PECO_P1-3 PEACH-GSU2 SRT-A/* \$ CHESCO \$ PECO P1-3 PEACH-GSU2 \$ T	103.24	103.24	
		PECO_P1-3 PEACH-GSU3 SRT-A/* \$ CHESCO \$ PECO P1-3 PEACH-GSU3 \$ T	103.25	103.25	
		PECO_P4 PEACH015 SRT-A/* \$ CHESCO \$ PECO P4 PEACH015 \$ STBK	97.06	97.06	
		PECO_P4 PEACH065 SRT-A/* \$ CHESCO \$ PECO P4 PEACH065 \$ STBK	97.06	97.06	
		PECO_P4 PEACH215 SRT-A/* \$ CHESCO \$ PECO P4 PEACH215 \$ STBK	97.04	97.05	
		PECO_P4 PEACH225 SRT-A/* \$ CHESCO \$ PECO P4 PEACH225 \$ STBK	97.04	97.05	
		242893 05AMG3 26.0 SRT-W	103.80	103.80	
		242894 05MTG1 26.0 SRT-W	103.78	103.78	
		243186 05VG1 26.0 SRT-W	103.85	103.85	
		243187 05VG2 26.0 SRT-W	103.86	103.86	
		243442 05RKG1 26.0 SRT-W	103.79	103.79	
		AEP_P1-1_#4838_05GAVIN 765 2 SRT-A	103.87	103.87	
AEP_P1-1_#4839_05ROCKPT 765 1 SRT-A	103.80	103.80			
AEP_P1-1_#4959_05GAVIN 765 1 SRT-A	103.80	103.80			
AEP_P1-1_#4965_05AMOS 765 3 SRT-A	103.81	103.81			
AEP_P1-2_#10135 SRT-A	103.80	103.80			
AEP_P1-2_#10136 SRT-A	103.78	103.78			
AEP_P1-2_#363 1682 SRT-A	104.85	104.85			
AEP_P4_#2839_05AMOS 765 T2 SRT-A	97.58	97.58			
AEP_P4_#3002_05ROCKPT 765 C2 SRT-A	98.56	98.56			
AEP_P4_#3146_05GAVIN 765 A SRT-A	97.64	97.64			
AEP_P4_#363_05JEFRSO 765 B1 SRT-A	98.56	98.56			
AEP_P4_#4838_05GAVIN 765 A2 SRT-A	97.64	97.64			
AEP_P4_#8648_05JEFRSO 765 B SRT-A	98.56	98.56			
AEP_P4_#9335_05ROCKPT 765 A SRT-A	97.57	97.57			
AEP_P4_#9336_05ROCKPT 765 C SRT-A	98.56	98.56			

Monitored Facility	Areas	Scenario	Final IAC % Loading		FG #
			Baseline (WIN)	Proposal Containing the Project (WIN)	
3152031BATH 3C 20.5 988756 BATH 3W3 20.5 1 1	345	AEP_P5_#11280_05ROCK_05ROCK_SRT-A	98.51	98.51	98.51
		Cont N Name	102.77	102.77	102.77
		Base Case	103.81	103.81	103.81
		DVP_P1-2: LN 509 SRT-A	103.83	103.83	103.83
		DVP_P1-2: LN 592 SRT-A	104.00	104.00	104.00
		DVP_P1-2: LN 596 SRT-A	97.58	97.58	97.58
		DVP_P4-1: WARREN G15A2 SRT-A	97.60	97.60	97.60
		DVP_P4-2: 50962 SRT-W	97.58	97.58	97.58
		DVP_P4-2: 5097570 SRT-A	97.58	97.58	97.58
		DVP_P4-2: 541T580 SRT-W	NConv	97.58	97.58
		DVP_P4-2: 509T592 SRT-A	NConv	97.60	97.60
		DVP_P4-2: 580T592 SRT-A	NConv	97.76	97.76
		DVP_P4-2: YT596 SRT-W	103.76	103.76	103.76
		PECO_P1-1_PEACH-U2_SRT-A/* \$ CHESCO \$ PECO P1-1_PEACH-U2 \$ U	103.77	103.77	103.78
		PECO_P1-1_PEACH-U3_SRT-A/* \$ CHESCO \$ PECO P1-1_PEACH-U3 \$ U	103.76	103.76	103.76
		PECO_P1-3_PEACH-GSU2_SRT-A/* \$ CHESCO \$ PECO P1-3_PEACH-GSU2 \$ T	103.77	103.77	103.77
		PECO_P1-3_PEACH-GSU3_SRT-A/* \$ CHESCO \$ PECO P1-3_PEACH-GSU3 \$ T	97.55	97.55	97.55
		PECO_P4_PEACH015_SRT-A/* \$ CHESCO \$ PECO P4_PEACH015 \$ STBK	97.55	97.55	97.55
		PECO_P4_PEACH065_SRT-A/* \$ CHESCO \$ PECO P4_PEACH065 \$ STBK	97.53	97.53	97.54
		PECO_P4_PEACH215_SRT-A/* \$ CHESCO \$ PECO P4_PEACH215 \$ STBK	97.53	97.53	97.54
		PECO_P4_PEACH225_SRT-A/* \$ CHESCO \$ PECO P4_PEACH225 \$ STBK	103.49	103.49	103.49
		242893 05AMG3 26.0 SRT-W	103.47	103.47	103.47
		242894 05MTG1 26.0 SRT-W	103.54	103.54	103.54
		243186 05VG1 26.0 SRT-W	103.55	103.55	103.55
		243187 05VG2 26.0 SRT-W	103.48	103.48	103.48
		243442 05RKG1 26.0 SRT-W	103.56	103.56	103.56
		AEP_P1-1_#4838_05GAVIN 765 2 SRT-A	103.49	103.49	103.49
		AEP_P1-1_#4839_05ROCKPT 765 1 SRT-A	103.49	103.49	103.49
		AEP_P1-1_#4959_05GAVIN 765 1 SRT-A	103.50	103.50	103.50
		AEP_P1-1_#4965_05AMOS 765 3 SRT-A	103.49	103.49	103.49
		AEP_P1-2_#10135 SRT-A	103.48	103.48	103.48
		AEP_P1-2_#10136 SRT-A	104.55	104.55	104.55
		AEP_P1-2_#363_1682 SRT-A	97.29	97.29	97.29
		AEP_P4_#2839_05AMOS 765 T2 SRT-A	98.28	98.28	98.27
		AEP_P4_#3002_05ROCKPT 765 C2 SRT-A	97.35	97.35	97.35
		AEP_P4_#3146_05GAVIN 765 A SRT-A	98.27	98.27	98.27
		AEP_P4_#363_05JEFRSO 765 B1 SRT-A	97.35	97.35	97.35
		AEP_P4_#4838_05GAVIN 765 A2 SRT-A	98.27	98.27	98.27
		AEP_P4_#8648_05JEFRSO 765 B SRT-A	97.28	97.28	97.28
		AEP_P4_#9335_05ROCKPT 765 A SRT-A	98.28	98.28	98.27
		AEP_P4_#9336_05ROCKPT 765 C SRT-A	98.22	98.22	98.22
		AEP_P5_#11280_05ROCK_05ROCK SRT-A	102.45	102.45	102.45
		Base Case	103.50	103.50	103.50
		DVP_P1-2: LN 509 SRT-A	103.52	103.52	103.52
		DVP_P1-2: LN 592 SRT-A	103.69	103.69	103.69
DVP_P1-2: LN 596 SRT-A	97.29	97.29	97.29		
DVP_P4-1: G1C42 SRT-A	97.31	97.31	97.31		
DVP_P4-1: WARREN G15A2 SRT-A	97.29	97.29	97.31		
DVP_P4-2: 50962 SRT-W	97.29	97.29	97.29		
DVP_P4-2: 509T570 SRT-A	NConv	97.29	97.29		
DVP_P4-2: 541T580 SRT-W	NConv	97.29	97.29		
DVP_P4-2: 541T592 SRT-W	NConv	97.31	97.31		
DVP_P4-2: 580T592 SRT-A	NConv	97.47	97.47		
DVP_P4-2: YT596 SRT-W	97.77	97.77	97.77		
DVP_P4-3: H1H3 SRT-A	103.45	103.45	103.45		
PECO_P1-1_PEACH-U2_SRT-A/* \$ CHESCO \$ PECO P1-1_PEACH-U2 \$ U	103.47	103.47	103.47		
PECO_P1-1_PEACH-U3_SRT-A/* \$ CHESCO \$ PECO P1-1_PEACH-U3 \$ U	103.45	103.45	103.45		
PECO_P1-3_PEACH-GSU2_SRT-A/* \$ CHESCO \$ PECO P1-3_PEACH-GSU2 \$ T	103.45	103.45	103.45		

Monitored Facility	Areas	Scenario	Final IAC %Loading		FG #
			Baseline (WIN)	Proposal Containing the Project (WIN)	
315204.1BATH 4D 20.5 988756 BATH 3W3 20.5 1.1	345	Cont N Name			
		PECO_P1-3_PEACH-GSU3_SRT-A/* \$ CHESCO \$ PECO_P1-3_PEACH-GSU3 \$ T	103.47	103.47	103.47
		PECO_P4_PEACH015_SRT-A/* \$ CHESCO \$ PECO_P4_PEACH015 \$ STBK	97.26	97.26	97.26
		PECO_P4_PEACH065_SRT-A/* \$ CHESCO \$ PECO_P4_PEACH065 \$ STBK	97.26	97.26	97.26
		PECO_P4_PEACH215_SRT-A/* \$ CHESCO \$ PECO_P4_PEACH215 \$ STBK	97.24	97.24	97.25
		PECO_P4_PEACH225_SRT-A/* \$ CHESCO \$ PECO_P4_PEACH225 \$ STBK	97.24	97.24	97.25
		242893 05AMG3 26.0_SRT-W	103.57	103.57	103.57
		242894 05MTG1 26.0_SRT-W	103.56	103.56	103.56
		243186 05GVG1 26.0_SRT-W	103.62	103.62	103.62
		243187 05GVG2 26.0_SRT-W	103.63	103.63	103.63
		243442 05RKG1 26.0_SRT-W	103.56	103.56	103.56
		AEP_P1-1_#4838_05GAVIN 765_2_SRT-A	103.64	103.64	103.64
		AEP_P1-1_#4839_05ROCKPT 765_1_SRT-A	103.57	103.57	103.57
		AEP_P1-1_#4959_05GAVIN 765_1_SRT-A	103.57	103.57	103.57
		AEP_P1-1_#4965_05AMOS 765_3_SRT-A	103.58	103.58	103.58
		AEP_P1-2_#10135_SRT-A	103.57	103.57	103.57
		AEP_P1-2_#10136_SRT-A	103.56	103.56	103.56
		AEP_P1-2_#363_1682_SRT-A	104.63	104.63	104.63
		AEP_P4_#2839_05AMOS 765_T2_SRT-A	97.37	97.37	97.37
		AEP_P4_#3002_05ROCKPT 765_C2_SRT-A	98.35	98.35	98.35
		AEP_P4_#3146_05GAVIN 765_A_SRT-A	97.43	97.43	97.43
		AEP_P4_#363_05JFRSO 765_B1_SRT-A	98.35	98.35	98.35
		AEP_P4_#4838_05GAVIN 765_A2_SRT-A	97.43	97.43	97.43
		AEP_P4_#8648_05JFRSO 765_B_SRT-A	98.35	98.35	98.35
		AEP_P4_#9335_05ROCKPT 765_A_SRT-A	97.36	97.36	97.36
		AEP_P4_#9336_05ROCKPT 765_C_SRT-A	98.35	98.35	98.35
		AEP_P5_#11280_05ROCK_05ROCK_SRT-A	98.30	98.30	98.30
		Base Case	102.54	102.54	102.54
		DVP_P1-2: LN 509_SRT-A	103.58	103.58	103.58
		DVP_P1-2: LN 592_SRT-A	103.60	103.60	103.60
		DVP_P1-2: LN 596_SRT-A	103.77	103.77	103.77
		DVP_P4-1: G1C42_SRT-A	97.37	97.37	97.37
		DVP_P4-1: WARREN G1S42_SRT-A	97.38	97.38	97.38
DVP_P4-2: 50962_SRT-W	97.37	97.37	97.37		
DVP_P4-2: 509T570_SRT-A	97.37	97.37	97.37		
DVP_P4-2: 541T580_SRT-W	NConv	NConv	97.37		
DVP_P4-2: 541T592_SRT-W	NConv	NConv	97.38		
DVP_P4-2: 580T592_SRT-A	NConv	NConv	97.36		
DVP_P4-2: YT596_SRT-W	97.55	97.55	97.54		
DVP_P4-3: H1H3_SRT-A	97.85	97.85	97.85		
PECO_P1-1_PEACH-U2_SRT-A/* \$ CHESCO \$ PECO_P1-1_PEACH-U2 \$ U	103.53	103.53	103.54		
PECO_P1-1_PEACH-U3_SRT-A/* \$ CHESCO \$ PECO_P1-1_PEACH-U3 \$ U	103.55	103.55	103.55		
PECO_P1-3_PEACH-GSU2_SRT-A/* \$ CHESCO \$ PECO_P1-3_PEACH-GSU2 \$ T	103.53	103.53	103.53		
PECO_P1-3_PEACH-GSU3_SRT-A/* \$ CHESCO \$ PECO_P1-3_PEACH-GSU3 \$ T	103.55	103.55	103.55		
PECO_P4_PEACH015_SRT-A/* \$ CHESCO \$ PECO_P4_PEACH015 \$ STBK	97.34	97.34	97.34		
PECO_P4_PEACH065_SRT-A/* \$ CHESCO \$ PECO_P4_PEACH065 \$ STBK	97.34	97.34	97.34		
PECO_P4_PEACH215_SRT-A/* \$ CHESCO \$ PECO_P4_PEACH215 \$ STBK	97.32	97.32	97.32		
PECO_P4_PEACH225_SRT-A/* \$ CHESCO \$ PECO_P4_PEACH225 \$ STBK	97.32	97.32	97.32		
242893 05AMG3 26.0_SRT-W	103.66	103.66	103.66		
242894 05MTG1 26.0_SRT-W	103.64	103.64	103.64		
243186 05GVG1 26.0_SRT-W	103.71	103.71	103.71		
243187 05GVG2 26.0_SRT-W	103.72	103.72	103.72		
243442 05RKG1 26.0_SRT-W	103.65	103.65	103.65		
AEP_P1-1_#4838_05GAVIN 765_2_SRT-A	103.73	103.73	103.73		
AEP_P1-1_#4839_05ROCKPT 765_1_SRT-A	103.66	103.66	103.66		
AEP_P1-1_#4959_05GAVIN 765_1_SRT-A	103.66	103.66	103.66		
AEP_P1-1_#4965_05AMOS 765_3_SRT-A	103.67	103.67	103.67		
AEP_P1-2_#10135_SRT-A	103.66	103.66	103.66		
AEP_P1-2_#10136_SRT-A	103.65	103.65	103.65		

Monitored Facility	Areas	Scenario	Final IAC % Loading		FG #
			Baseline (WIN)	Proposal Containing the Project (WIN)	
315206 1BATH 6F 20.5 998755 BATH 3W5 20.5 1.1	345	Cont N Name			
		AEP_P1-2_#363_1882_SRT-A	104.72	104.72	
		AEP_P4_#2839_05AMOS765_T2_SRT-A	97.45	97.45	
		AEP_P4_#3002_05ROCKPT765_C2_SRT-A	98.44	98.43	
		AEP_P4_#3146_05GAVIN765_A_SRT-A	97.51	97.51	
		AEP_P4_#363_05JEFRSO765_B1_SRT-A	98.44	98.43	
		AEP_P4_#4838_05GAVIN765_A2_SRT-A	97.51	97.51	
		AEP_P4_#8648_05JEFRSO765_B_SRT-A	98.43	98.43	
		AEP_P4_#9335_05ROCKPT765_A_SRT-A	97.44	97.44	
		AEP_P4_#9336_05ROCKPT765_C_SRT-A	98.44	98.43	
		AEP_P5_#11280_05ROCK_05ROCK_SRT-A	98.39	98.39	
		Base Case	102.62	102.62	
		DVP_P1-2:LN509_SRT-A	103.67	103.67	
		DVP_P1-2:LN592_SRT-A	103.69	103.69	
		DVP_P1-2:LN596_SRT-A	103.86	103.86	
		DVP_P4-1:G1C42_SRT-A	97.45	97.45	
		DVP_P4-1:WARREN_G1S42_SRT-A	97.47	97.47	
		DVP_P4-2:50962_SRT-W	97.45	97.45	
		DVP_P4-2:5091570_SRT-A	97.45	97.45	
		DVP_P4-2:541T580_SRT-W	NConv	97.45	
		DVP_P4-2:541T592_SRT-W	NConv	97.47	
		DVP_P4-2:580T582_SRT-A	NConv	97.47	
		DVP_P4-2:YT596_SRT-W	97.63	97.63	
		PECO_P1-1_PEACH-U2_SRT-A/* \$ CHESCO \$ PECO P1-1_PEACH-U2 \$ U	103.62	103.62	
		PECO_P1-1_PEACH-U3_SRT-A/* \$ CHESCO \$ PECO P1-1_PEACH-U3 \$ U	103.64	103.64	
		PECO_P1-3_PEACH-GSU3_SRT-A/* \$ CHESCO \$ PECO P1-3_PEACH-GSU3 \$ T	103.62	103.62	
		PECO_P1-3_PEACH-GSU3_SRT-A/* \$ CHESCO \$ PECO P1-3_PEACH-GSU3 \$ T	103.64	103.64	
		PECO_P4_PEACH015_SRT-A/* \$ CHESCO \$ PECO P4_PEACH015 \$ STBK	97.42	97.42	
		PECO_P4_PEACH065_SRT-A/* \$ CHESCO \$ PECO P4_PEACH065 \$ STBK	97.42	97.42	
		PECO_P4_PEACH215_SRT-A/* \$ CHESCO \$ PECO P4_PEACH215 \$ STBK	97.41	97.41	
		PECO_P4_PEACH225_SRT-A/* \$ CHESCO \$ PECO P4_PEACH225 \$ STBK	97.40	97.41	
		242893_05AMG3_26.0_SRT-W	103.83	103.83	
		242894_05MTG1_26.0_SRT-W	103.81	103.81	
		243186_05GVG1_26.0_SRT-W	103.88	103.88	
		243187_05GVG2_26.0_SRT-W	103.89	103.89	
243442_05RKG1_26.0_SRT-W	103.82	103.82			
AEP_P1-1_#4838_05GAVIN765_2_SRT-A	103.90	103.90			
AEP_P1-1_#4839_05ROCKPT765_1_SRT-A	103.83	103.83			
AEP_P1-1_#4959_05GAVIN765_1_SRT-A	103.83	103.83			
AEP_P1-1_#4965_05AMOS765_3_SRT-A	103.84	103.84			
AEP_P1-2_#10135_SRT-A	103.83	103.83			
AEP_P1-2_#10136_SRT-A	103.82	103.82			
AEP_P1-2_#363_1882_SRT-A	104.89	104.89			
AEP_P4_#2839_05AMOS765_T2_SRT-A	97.61	97.61			
AEP_P4_#3002_05ROCKPT765_C2_SRT-A	98.60	98.59			
AEP_P4_#3146_05GAVIN765_A_SRT-A	97.67	97.67			
AEP_P4_#363_05JEFRSO765_B1_SRT-A	98.60	98.59			
AEP_P4_#4838_05GAVIN765_A2_SRT-A	97.67	97.67			
AEP_P4_#8648_05JEFRSO765_B_SRT-A	98.59	98.59			
AEP_P4_#9335_05ROCKPT765_A_SRT-A	97.60	97.60			
AEP_P4_#9336_05ROCKPT765_C_SRT-A	98.60	98.59			
AEP_P5_#11280_05ROCK_05ROCK_SRT-A	98.55	98.55			
Base Case	102.79	102.79			
DVP_P1-2:LN509_SRT-A	103.84	103.84			
DVP_P1-2:LN592_SRT-A	103.86	103.86			
DVP_P1-2:LN596_SRT-A	104.03	104.03			
DVP_P4-1:G1C42_SRT-A	97.61	97.61			
DVP_P4-1:WARREN_G1S42_SRT-A	97.63	97.63			
DVP_P4-2:50962_SRT-W	97.61	97.61			

Monitored Facility	Areas	Scenario	Final IAC % Loading		FG #
			Baseline (WIN)	Proposal Containing the Project (WIN)	
315292 1DOMTR78 13.8 314621 3WEYRHAUSER 115 1 1	345	Cont N Name			
		DVP_P4-2:509T570_SRT-A	97.61	97.61	97.61
		DVP_P4-2:541T580_SRT-W	NConv		97.61
		DVP_P4-2:541T592_SRT-W	NConv		97.63
		DVP_P4-2:580T592_SRT-A	NConv		97.63
		DVP_P4-2:Y1596_SRT-W	97.79		97.79
		PECO_P1-1_Peach-U2_SRT-A/* \$ CHESCO \$ PECO_P1-1_Peach-U2 \$ U	103.79		103.79
		PECO_P1-1_Peach-U3_SRT-A/* \$ CHESCO \$ PECO_P1-1_Peach-U3 \$ U	103.81		103.81
		PECO_P1-3_Peach-GSU2_SRT-A/* \$ CHESCO \$ PECO_P1-3_Peach-GSU2 \$ T	103.79		103.79
		PECO_P1-3_Peach-GSU3_SRT-A/* \$ CHESCO \$ PECO_P1-3_Peach-GSU3 \$ T	103.80		103.80
		PECO_P4_Peach015_SRT-A/* \$ CHESCO \$ PECO_P4_Peach015 \$ STBK	97.58		97.58
		PECO_P4_Peach065_SRT-A/* \$ CHESCO \$ PECO_P4_Peach065 \$ STBK	97.58		97.58
		PECO_P4_Peach215_SRT-A/* \$ CHESCO \$ PECO_P4_Peach215 \$ STBK	97.56		97.56
		PECO_P4_Peach225_SRT-A/* \$ CHESCO \$ PECO_P4_Peach225 \$ STBK	97.56		97.56
		Base Case			
		DVP_P1-4:1WEYRHBI_1WEYRHSB_1_SRT-A	164.76		164.76
		DVP_P1-4:1WEYRHSB_1DOMTR78_1_SRT-A	164.76		164.76
		AP_P1-2_Pe-500-004_SRT-W			95.44
		AP_P1-2_Pe-500-404T_SRT-A			95.86
		AP_P1-2_Pe-500-405T_SRT-A			95.36
		AP_P1-2_WP-500-006_SRT-A			95.44
		AP_P1-4_Pe-500-009A_SRT-A			94.91
		AP_P2-3_Pe-500-012_SRT-W			90.23
AP_P2-3_Pe-500-013_SRT-W			90.10		
AP_P2-3_Pe-500-019E_SRT-W			90.03		
BG_P1_BRANDON1_SRT-A			95.10		
BG_P1_BRANDON2_SRT-A			95.11		
Base Case					
DVP_P1-1:G-1_IN_ANNA1_SRT-A	94.95		92.71		
DVP_P1-1:G-1X4-039_ST_SRT-A			96.06		
DVP_P1-1:G-2_IN_ANNA2_SRT-A			95.47		
DVP_P1-2:Barriester_230KV_CAP_1_SRT-A			96.04		
DVP_P1-2:DOUBS_500KV_CAP_1_SRT-A			94.80		
DVP_P1-2:LN_2161_SRT-A	92.75		95.69		
DVP_P1-2:LN_274_SRT-W			95.91		
DVP_P1-2:LN_534_SRT-W			95.52		
DVP_P1-2:LN_535_SRT-A			95.86		
DVP_P1-2:LN_541_SRT-W			95.82		
DVP_P1-2:LN_553_SRT-W			96.27		
DVP_P1-2:LN_592_SRT-A	97.06		96.65		
DVP_P1-2:LN_596_SRT-A			96.10		
DVP_P1-3:8NO_ANNA-GSU-1_SRT-A			96.10		
DVP_P1-3:8NO_ANNA-GSU-2_SRT-A			96.07		
DVP_P4-1:G102-1_SRT-W			90.33		
DVP_P4-1:WARREN_G1542_SRT-A	91.23		90.85		
DVP_P4-2:203T274_SRT-A			90.45		
DVP_P4-2:2095T9349_SRT-A			90.80		
DVP_P4-2:509T570_SRT-A	91.17		90.87		
DVP_P4-2:541T564_SRT-W			90.56		
DVP_P4-2:541T569_SRT-A	91.51		91.32		
DVP_P4-2:541T580_SRT-W			91.32		
DVP_P4-2:542T553_SRT-W	91.53		90.73		
DVP_P4-2:553T564_SRT-W			90.83		
DVP_P4-2:580T592_SRT-A			91.31		
DVP_P7-1:LN_227-274_SRT-W			90.33		
DVP_P7-1:LN_535-2114_SRT-W			90.05		
DVP_P7-1:LN_535-2114_SRT-W			90.14		

Monitored Facility	Areas	Scenario	Final IAC % Loading		FG #
			Baseline (WIN)	Proposal Containing the Project (WIN)	
3156096X4-039GAS 230 315212 1X4-039 GT2 18.0 1 1	345	ME P1-2 ME-500-004T SRT-A		95.23	
		PECO P1-2 5012 SRT-A/* \$ CHESCO \$ PECO P1-2 5012 \$ L		95.84	
		PECO P4 PEACH235 SRT-A/* \$ CHESCO \$ PECO P4 PEACH235 \$ STBK		90.09	
		PECO P4 PEACH245 SRT-A/* \$ CHESCO \$ PECO P4 PEACH245 \$ STBK		90.63	
		PJM 500 BG P1 5011 SRT-A		95.76	
		PJM 500 BG P1 CCLFG1 SRT-A		96.12	
		PJM 500 BG P1 CCLFG2 SRT-A		96.10	
		PJM 500 BG P4 5 CLVT 23 SRT-A		90.45	
		PJM 500 BG P4 5 CLVT 63 SRT-A		90.46	
		PJM 500 BG P4 5 CNSTN_B SRT-A		90.12	
		PJM 500 BG P4 5 CNSTN_C SRT-A		90.21	
		PJM 500 BG P4 5 CNSTN_J SRT-A		90.00	
		PN P1-2 PN-500-010T SRT-A		95.26	
		AP P1-2 PE-500-002T SRT-W		95.23	
		AP P1-2 PE-500-004 SRT-W		95.40	
		AP P1-2 PE-500-404T SRT-A		95.81	
		AP P1-2 PE-500-405T SRT-A		95.31	
		AP P1-2 WP-500-006 SRT-A		95.40	
		AP P1-4 PE-500-009A SRT-A		94.87	
		AP P2-3 PE-500-012 SRT-W		90.18	
		AP P2-3 PE-500-013 SRT-W		90.06	
		BG P1 BRANDON1 SRT-A		95.06	
		BG P1 BRANDON2 SRT-A		95.07	
		Base Case		94.90	
		DVP P1-1: G-1 IN ANNA1 SRT-A		96.01	
		DVP P1-1: G-1S1X4-039 ST SRT-A		96.01	
		DVP P1-1: G-2 IN ANNA2 SRT-A		95.43	
		DVP P1-2: Barrister 230KV CAP 1 SRT-A		95.98	
		DVP P1-2: DOUBS 500KV CAP 1 SRT-A		94.76	
		DVP P1-2: LN 2161 SRT-A	92.72	95.64	
		DVP P1-2: LN 274 SRT-W		95.86	
		DVP P1-2: LN 534 SRT-W		95.47	
		DVP P1-2: LN 535 SRT-A		95.81	
		DVP P1-2: LN 541 SRT-W		95.77	
		DVP P1-2: LN 553 SRT-W		96.22	
		DVP P1-2: LN 592 SRT-A		96.60	
		DVP P1-2: LN 596 SRT-A	97.01	96.05	
		DVP P1-3: 8NO ANNA-GSU-1 SRT-A		96.05	
		DVP P1-3: 8NO ANNA-GSU-2 SRT-A		96.02	
		DVP P4-1: WARREN G1S42 SRT-A		90.28	
		DVP P4-1: G102-1 SRT-W	91.19	90.81	
		DVP P4-2: 203T274 SRT-A		90.40	
		DVP P4-2: 2095T9349 SRT-A		90.75	
		DVP P4-2: 509T570 SRT-A	91.12	90.83	
		DVP P4-2: 534T564 SRT-W		90.52	
DVP P4-2: 541T569 SRT-A	91.46				
DVP P4-2: 541T580 SRT-W		91.27			
DVP P4-2: 541T592 SRT-W		91.27			
DVP P4-2: 542T553 SRT-W	91.48	90.66			
DVP P4-2: 553T564 SRT-W		90.78			
DVP P4-2: 580T592 SRT-A		91.26			
DVP P4-2: Y1596 SRT-W		90.29			
DVP P7-1: LN 227-274 SRT-W		90.00			
DVP P7-1: LN 535-2114 SRT-W		90.10			
ME P1-2 ME-500-004T SRT-A		95.18			
PECO P1-2 5012 SRT-A/* \$ CHESCO \$ PECO P1-2 5012 \$ L		95.79			
PECO P4 PEACH235 SRT-A/* \$ CHESCO \$ PECO P4 PEACH235 \$ STBK		90.04			
PECO P4 PEACH245 SRT-A/* \$ CHESCO \$ PECO P4 PEACH245 \$ STBK		90.58			

Monitored Facility	Areas	Scenario Cont N Name	Final AC %Loading	
			Baseline (WIN)	Proposal Containing the Project (WIN)
		PJM_500_BG_P1_5011_SRT-A		95.71
		PJM_500_BG_P1_CCLFG1_SRT-A		96.08
		PJM_500_BG_P1_CCLFG2_SRT-A		96.05
		PJM_500_BG_P4_5_CLVT_23_SRT-A		90.41
		PJM_500_BG_P4_5_CLVT_63_SRT-A		90.41
		PJM_500_BG_P4_5_CNSTN_B_SRT-A		90.07
		PJM_500_BG_P4_5_CNSTN_C_SRT-A		90.16
		PN_P1-2_PN-500-010T_SRT-A		95.22
		Base Case	96.98	96.98
		Base Case	164.22	164.22
316183 AA1-038 COL 34.5 315616 AA1-038 C 0.69 1.1	345		106.83	106.73
316183 AA1-038 COL 34.5 998763 6ROCKY FORGE 34.5 1 1	345	DVP_P1-1: G-W1 AA1-038 C_SRT-A		

313393 6MARS 500 313399 6MARS 230 1	Monitored Facility	Cont Name	ContType	Areas	OP Rule	LTF Impact (Max/Min)	Scenario	Baseline (WIN)	Final AC %LD		FG #
									AC Final Flow (Max/Min)	Proposal Containing the Project (WIN)	
313393 6MARS 500 313399 6MARS 230 1	DVP P1-2: LN 9345 SRT-A	Base Case	OP	345	OP	16.21/16.21	1314.2/1314.2	16.21/16.21	91.27	91.27	
			Single	345	Single	12.66/12.66	1310.7/1310.7	12.66/12.66	11.81	11.81	
			OP	345	OP	19.93/13.83	1616.2/1627.0	19.93/13.83	112.80	112.80	
			Single	345	Single	15.56/10.99	1443.1/1360.5	15.56/10.99	100.51	100.51	
			OP	345	OP	18.22/12.61	1439.1/1357.9	18.22/12.61	100.32	100.32	
			Single	345	Single	14.24/10.04	1467.3/1389.3	14.24/10.04	102.64	102.64	
			OP	345	OP	16.97/11.05	1463.8/1387.2	16.97/11.05	102.48	102.48	
			Single	345	Single	13.46/9.48	1463.8/1387.2	13.46/9.48	102.48	102.48	
			OP	345	OP	19.93/13.83	1616.2/1627.0	19.93/13.83	112.81	112.81	
			Single	345	Single	15.56/10.99	1443.1/1360.5	15.56/10.99	112.60	112.60	
313399 6MARS 230 313805 6SHELLHORN1 230 1	DVP P2-2: LOUDOUN B1 SRT-W	Base Case	OP	345	OP	17.14/11.93	1381.2/1304.0	17.14/11.93	90.56	90.56	
			Single	345	Single	17.15/11.94	1383.1/1304.3	17.15/11.94	90.58	90.58	
			OP	345	OP	17.14/11.93	1383.2/1305.6	17.14/11.93	90.58	90.58	
			Single	345	Single	17.15/11.94	1385.1/1304.3	17.15/11.94	90.58	90.58	
			OP	345	OP	19.23/13.88	1617.7/1638.3	19.23/13.88	106.90	106.90	
			Single	345	Single	14.06/12.17	1616.2/1627.0	14.06/12.17	112.24	112.24	
			OP	345	OP	18.53/13.83	1616.2/1627.0	18.53/13.83	106.04	106.04	
			Single	345	Single	19.93/13.83	1616.2/1627.0	19.93/13.83	106.04	106.04	
			OP	345	OP	20.74/17.97	1671.3/1648.3	20.74/17.97	107.88	107.88	
			Single	345	Single	15.63/13.53	1656.4/1634.9	15.63/13.53	106.54	106.54	
313440 8VINTHIL 500 31425 6VINTHIL 230 2	DVP P1-2: LN 9349 SRT-A	Base Case	OP	345	OP	20.74/17.97	1764.4/1743.3	20.74/17.97	113.90	113.90	
			Single	345	Single	15.63/13.53	1748.7/1728.4	15.63/13.53	111.57	111.57	
			OP	345	OP	20.74/17.97	1764.4/1743.3	20.74/17.97	113.90	113.90	
			Single	345	Single	15.63/13.53	1748.7/1728.4	15.63/13.53	111.57	111.57	
			OP	345	OP	20.74/17.97	1764.4/1743.3	20.74/17.97	113.90	113.90	
			Single	345	Single	15.63/13.53	1748.7/1728.4	15.63/13.53	111.57	111.57	
			OP	345	OP	20.74/17.97	1764.4/1743.3	20.74/17.97	113.90	113.90	
			Single	345	Single	15.63/13.53	1748.7/1728.4	15.63/13.53	111.57	111.57	
			OP	345	OP	20.74/17.97	1764.4/1743.3	20.74/17.97	113.90	113.90	
			Single	345	Single	15.63/13.53	1748.7/1728.4	15.63/13.53	111.57	111.57	
313440 8VINTHIL 500 31425 6VINTHIL 230 2	DVP P4-2: HITSXX-2A SRT-A	Base Case	OP	345	OP	14.12/12.85	1432.7/1428.4	14.12/12.85	99.62	99.62	
			Single	345	Single	19.06/19.06	3472.0/3472.0	19.06/19.06	100.23	100.23	
			OP	345	OP	190.17/180.17	3381.7/3381.7	190.17/180.17	97.62	97.62	
			Single	345	Single	193.67/193.67	3747.7/3747.7	193.67/193.67	108.19	108.19	
			OP	345	OP	195.52/195.52	3641.0/3641.0	195.52/195.52	105.11	105.11	
			Single	345	Single	197.56/197.56	3545.6/3545.6	197.56/197.56	102.36	102.36	
			OP	345	OP	197.56/197.56	3596.6/3596.6	197.56/197.56	103.83	103.83	
			Single	345	Single	195.52/195.52	3641.0/3641.0	195.52/195.52	105.11	105.11	
			OP	345	OP	18.67/18.17	1554.5/1554.7	18.67/18.17	97.78	97.78	
			Single	345	Single	14.06/12.17	1521.2/1501.0	14.06/12.17	96.69	96.69	
313752 6TAKOFF 230 313774 6LINC PKC 230 1	DVP P1-2: LN 2186 SRT-A	Base Case	OP	345	OP	11.62/10.52	940.9/937.6	11.62/10.52	90.10	90.10	
			Single	345	Single	8.73/8.73	937.7/937.7	8.73/8.73	90.11	90.11	
			OP	345	OP	14.18/14.18	1166.7/1166.7	14.18/14.18	91.58	91.58	
			Single	345	Single	22.95/22.95	1405.5/1405.5	22.95/22.95	90.73	90.73	
			OP	345	OP	22.95/19.88	1525.4/1497.0	22.95/19.88	96.63	96.63	
			Single	345	Single	17.29/14.97	1508.0/1483.0	17.29/14.97	95.73	95.73	
			OP	345	OP	23.41/20.27	1518.4/1490.2	23.41/20.27	96.19	96.19	
			Single	345	Single	17.64/15.26	1501.6/1474.7	17.64/15.26	95.20	95.20	
			OP	345	OP	23.41/20.27	1586.1/1569.6	23.41/20.27	101.32	101.32	
			Single	345	Single	17.64/15.26	1579.5/1554.0	17.64/15.26	100.32	100.32	
313804 6GREENWAY2 230 313751 6STRATUS 230 1	DVP P1-2: LN 202 SRT-A	Base Case	OP	345	OP	25.66/25.66	6673/6673	25.66/25.66	98.46	98.46	
			Single	345	Single	18.67/18.67	666.8/666.8	18.67/18.67	98.38	98.38	
			OP	345	OP	18.67/16.17	1474.9/1454.3	18.67/16.17	93.88	93.88	
			Single	345	Single	14.06/12.17	1461.5/1440.5	14.06/12.17	92.99	92.99	
			OP	345	OP	58.79/58.79	1179.6/1179.6	58.79/58.79	92.41	92.41	
			Single	345	Single	43.89/43.89	1166.2/1166.2	43.89/43.89	91.36	91.36	
			OP	345	OP	22.95/19.88	1474.9/1445.9	22.95/19.88	93.34	93.34	
			Single	345	Single	17.29/14.97	1458.4/1431.7	17.29/14.97	92.42	92.42	
			OP	345	OP	13.82/11.67	1430.1/1414.2	13.82/11.67	91.29	91.29	
			Single	345	Single	8.31/6.86	1425.5/1410.2	8.31/6.86	91.03	91.03	
313805 6SHELLHORN1 230 313841 6ENTERPRIS 230 1	DVP P1-2: LN 2174 SRT-W	Base Case	OP	345	OP	21.16/20.4	1766.7/1748.0	21.16/20.4	112.84	112.84	
			Single	345	Single	21.16/20.4	1775.0/1757.1	21.16/20.4	113.43	113.43	
			OP	345	OP	9.33/9.33	1769.4/1769.4	9.33/9.33	93.32	93.32	
			Single	345	Single	10.27/10.27	1745.1/1745.1	10.27/10.27	91.88	91.88	
			OP	345	OP	7.26/6.27	1771.5/1744.3	7.26/6.27	92.00	92.00	
			Single	345	Single	21.16/20.4	1771.5/1755.8	21.16/20.4	93.43	93.43	
			OP	345	OP	21.16/20.4	1767.0/1748.1	21.16/20.4	92.20	92.20	
			Single	345	Single	16.43/11.41	1536.2/1265.8	16.43/11.41	93.18	93.18	
			OP	345	OP	12.83/13.07	1535.6/1263.4	12.83/13.07	93.34	93.34	
			Single	345	Single				98.67	98.67	

Monitored Facility	Cont Name	ContType	Areas	OP Rule	LTF Impact (Max/Min)	Scenario	Baseline (WIN)	Final AC %LD		FG #
								AC Final Flow (Max/Min)	Proposal Containing the Project (WIN)	
314004 GASHBURN 230 314010 6BEAMEAD 230 1	DVP_P1-3: 8MARS-TK#1_SRT-A	OP	345	OP	16.43 / 11.41	1326.2 / 1256.1	92.80	98.13		
	DVP_P4-6: S34472_SRT-A	Single	345	Single	12.83 / 8.07	1324.6 / 1253.8	92.63	97.86		
	DVP_P4-6: S34811_SRT-A	Breaker	345	Below OP	16.43 / 16.43	1335.2 / 1335.2	95.07	93.00		
	DVP_P4-6: WISHI934472_SRT-A	Breaker	345	Above OP	16.43 / 16.43	1335.2 / 1335.2	95.07	93.00		
	DVP_P1-2: LN 227_SRT-A	OP	345	OP	28.32 / 27.75	1658.7 / 1655.8	107.07	106.89		
	DVP_P4-2: 226892_SRT-W	Single	345	Single	28.32 / 27.75	1671.3 / 1667.1	107.89	107.62		
	DVP_P1-2: LN 2180_SRT-A	Breaker	345	Below OP	22.33 / 22.33	1018.6 / 1018.6	90.70	90.37		
	DVP_P1-2: LN 272A_SRT-W	OP	345	OP	13.82 / 13.82	1400.0 / 1400.0	110.85	110.08		
	DVP_P1-2: LN 272A_SRT-W	OP	345	Single	21.16 / 20.4	1736.0 / 1717.2	111.44	112.06		
	DVP_P4-2: 203727A_SRT-A	Breaker	345	Below OP	21.16 / 20.4	1743.3 / 1726.3	111.44	112.41		
314006 GASHBURN 230 314010 6BEAMEAD 230 1	DVP_P4-2: 20957349_SRT-A	Breaker	345	Below OP	10.27 / 10.27	1711.3 / 1711.3	90.31	90.31		
	DVP_P4-2: 27412098_SRT-A	Breaker	345	Below OP	7.26 / 6.27	1740.7 / 1713.6	90.43	91.86		
	DVP_P4-2: 27412130_SRT-W	Breaker	345	Above OP	21.16 / 20.4	1740.9 / 1725.0	91.03	91.87		
	DVP_P4-4: ASHBURNS C332_SRT-W	Breaker	345	Below OP	21.16 / 20.4	1736.3 / 1717.3	90.62	91.62		
	DVP_P1-2: LN 2097_SRT-A	OP	345	OP	15.05 / 15.05	829.0 / 829.0	92.25	91.61		
	DVP_P4-2: 24372097_SRT-A	Single	345	Single	10.83 / 10.83	828.6 / 828.6	92.21	92.21		
	DVP_P7-1: LN 2112-248_SRT-A	Breaker	345	Above OP	15.24 / 15.24	863.6 / 863.6	90.34	90.34		
	DVP_P4-2: 20957349_SRT-A	Tower	345	Above OP	15.33 / 15.33	865.8 / 865.8	90.56	90.56		
	DVP_P1-2: LN 9233_SRT-A	Breaker	345	Above OP	8.24 / 7.94	1876.7 / 1865.2	98.59	98.59		
	DVP_P1-2: LN 207_SRT-A	OP	345	OP	9.29 / 8.4	862.3 / 878.6	100.13	100.88		
314008 6RADDOCK 230 314052 6IDYLWOD 230 1	DVP_P1-2: LN 207_SRT-A	OP	345	Single	6.97 / 6.29	679.8 / 676.3	99.78	100.30		
	DVP_P1-2: LN 207_SRT-A	OP	345	OP	14.13 / 14.13	788.6 / 788.6	92.18	92.18		
	DVP_P1-2: LN 2097_SRT-A	Single	345	Single	10.31 / 10.31	784.9 / 784.9	91.76	91.76		
	DVP_P4-2: 2507258_SRT-A	OP	345	OP	7.35 / 7.35	304.9 / 304.9	91.63	91.63		
	DVP_P7-1: LN 207-266_SRT-A	Single	345	Single	5.29 / 5.29	302.9 / 302.9	91.02	91.02		
	DVP_P7-1: LN 250-258_SRT-A	OP	345	Above OP	10.48 / 8.24	421.4 / 384.9	119.05	108.72		
	DVP_P1-2: LN 202_SRT-A	Tower	345	Above OP	8.04 / 8.04	340.6 / 340.6	96.22	96.22		
	DVP_P1-2: LN 202_SRT-A	Tower	345	Above OP	10.48 / 8.24	421.4 / 384.9	119.05	108.72		
	DVP_P4-2: 204202_SRT-W	OP	345	Single	23.78 / 23.78	831.6 / 831.6	93.12	93.12		
	DVP_P1-2: LN 207_SRT-A	Breaker	345	Single	17.37 / 17.3	831.0 / 831.0	93.06	93.06		
314072 6PA VIEW 230 314004 6ASHBURN 230 1	DVP_P1-2: LN 2031_SRT-A	OP	345	Above OP	12.18 / 8.73	894.6 / 927.9	98.87	92.23		
	DVP_P1-2: LN 2031_SRT-A	OP	345	OP	14.13 / 11.44	844.3 / 796.9	98.70	93.16		
	DVP_P1-2: LN 9290_SRT-A	Single	345	Single	10.31 / 8.26	840.7 / 793.9	98.28	92.81		
	DVP_P1-2: LN 227_SRT-A	OP	345	OP	12.63 / 12.63	786.2 / 786.2	91.92	91.92		
	DVP_P1-2: LN 9233_SRT-A	Single	345	Single	9.25 / 9.25	783.0 / 783.0	91.54	91.54		
	DVP_P1-2: LN 2186_SRT-A	OP	345	OP	28.32 / 27.75	1700.3 / 1699.6	109.71	109.76		
	DVP_P4-2: 92907248_SRT-A	OP	345	OP	28.32 / 27.75	1712.2 / 1712.0	110.53	110.52		
	DVP_P1-2: LN 2031_SRT-A	OP	345	OP	8.28 / 8.4	695.5 / 692.0	99.35	99.35		
	DVP_P4-2: 5147595_SRT-A	Single	345	Single	6.97 / 6.29	695.0 / 699.7	99.01	99.01		
	DVP_P1-2: LN 2031_SRT-A	OP	345	OP	23.41 / 20.27	1428.5 / 1399.0	90.31	92.21		
314084 6SULLY 230 314035 6DISCOVER 230 1	DVP_P1-2: LN 2186_SRT-A	OP	345	OP	37.64 / 17.64	1411.5 / 1411.5	95.40	91.12		
	DVP_P4-2: 51482_SRT-A	OP	345	OP	23.41 / 20.27	1505.8 / 1477.9	95.40	97.20		
	DVP_P1-2: LN 205_SRT-A	Breaker	345	Above OP	17.64 / 15.26	1489.0 / 1462.2	94.39	96.12		
	DVP_P1-2: LN 205_SRT-A	OP	345	OP	10.89 / 10.89	955.4 / 955.4	93.48	93.48		
	DVP_P1-2: LN 205_SRT-A	OP	345	OP	58.79 / 58.79	1193.9 / 1193.9	93.53	93.53		
	DVP_P1-2: LN 205_SRT-A	OP	345	OP	43.89 / 43.89	1180.5 / 1180.5	92.48	92.48		
	DVP_P1-2: LN 205_SRT-A	OP	345	OP	116.85 / 113.85	1531.8 / 1381.4	104.19	93.96	2022W3-GD-W43	
	DVP_P1-2: LN 514_SRT-A	OP	345	Single	116.85 / 113.85	1570.9 / 1421.4	106.85	96.69	2022W3-GD-W43	
	DVP_P4-2: 51482_SRT-A	OP	345	OP	116.85 / 113.85	1531.8 / 1381.4	104.19	93.96	2022W3-GD-W43	
	DVP_P1-2: LN 205_SRT-A	Breaker	345	Below OP	113.85 / 113.85	1570.9 / 1421.4	106.85	96.69	2022W3-GD-W43	
314316 6LOCKS 230 314314 3LOCKS 115 2	DVP_P1-2: LN 2003-205_SRT-A	OP	345	Above OP	111.43 / 111.43	1592.9 / 1592.9	99.99	103.98		
	DVP_P1-2: LN 2003-205_SRT-A	OP	345	OP	20.02 / 19.83	223.5 / 220.9	105.21	103.26		
	DVP_P1-2: LN 555_SRT-A	OP	345	Single	18.48 / 18.41	222.0 / 219.4	104.49	103.26		
	DVP_P1-2: LN 555_SRT-A	OP	345	Above OP	24.85 / 24.74	254.2 / 251.0	97.78	96.53		
	DVP_P1-2: LN 570_SRT-A	OP	345	OP	33.14 / 33.14	805.7 / 805.7	94.19	94.19		
	DVP_P1-2: LN 570_SRT-A	OP	345	OP	239.3 / 237.86	861.6 / 848.5	93.83	95.28		
	DVP_P1-2: LN 555_SRT-W	OP	345	OP	239.3 / 237.86	862.8 / 849.7	95.41	95.41		
	DVP_P1-2: LN 555_SRT-W	OP	345	OP	57.67 / 56.2	740.7 / 734.4	105.44	106.34		
	DVP_P1-2: LN 555_SRT-A	OP	345	Single	268.17 / 268.11	359.6 / 353.4	104.01	104.89		
	DVP_P1-2: LN 555_SRT-A	OP	345	Single	222.71 / 222.68	360.3 / 357.8.1	95.40	94.74		
314901 6BATH CO 500 314091 8VALLEY SC 500 1	AP_P1-2_PE-500-4047_SRT-A	OP	345	OP	182.33 / 182.33	4044.7 / 4044.7	124.22	124.22	2022W3-GD-W43	
	AP_P2-3_PE-500-012_SRT-W	Breaker	345	Single	134.96 / 134.96	3897.6 / 3897.6	119.70	117.56	2022W3-GD-W43	
	AP_P2-3_PE-500-013_SRT-W	Breaker	345	Above OP	182.59 / 182.59	4072.1 / 4072.1	117.56	117.56	2022W3-GD-W43	
	DVP_P1-2: LN 535_SRT-A	OP	345	Above OP	182.6 / 182.6	4067.9 / 4067.9	117.43	117.43	2022W3-GD-W43	
	DVP_P1-2: LN 535_SRT-A	OP	345	OP	182.33 / 182.33	4044.7 / 4044.7	124.22	124.22	2022W3-GD-W43	
	DVP_P1-2: LN 535_SRT-A	OP	345	Single	134.96 / 134.96	3897.6 / 3897.6	119.70	119.70	2022W3-GD-W43	
	DVP_P1-2: LN 535_SRT-A	OP	345	OP	202.24 / 202.24	3556.9 / 3556.9	116.51	116.51	2022W3-GD-W43	
	DVP_P1-2: LN 535_SRT-A	OP	345	OP	202.24 / 202.24	3556.9 / 3556.9	116.51	116.51	2022W3-GD-W43	
	DVP_P1-2: LN 535_SRT-A	OP	345	OP	202.24 / 202.24	3556.9 / 3556.9	116.51	116.51	2022W3-GD-W43	
	DVP_P1-2: LN 535_SRT-A	OP	345	OP	202.24 / 202.24	3556.9 / 3556.9	116.51	116.51	2022W3-GD-W43	

Monitored Facility	Cont Name	ContType	Areas	OP Rule	LTF Impact (Max/Min)	Scenario	Final AC %LD		FG #
							Baseline (WIN)	Proposal Containing the Project (WIN)	
314916 8MORRESVL 500 314900 8BRIBSTER 500 1	DVP P1-2: LN 545_SRT-W	Single	345	Single	151.1 / 151.1	3623.8 / 3623.8	111.29	111.29	2022W3-GD-W173
	DVP P1-2: LN 545_SRT-W	OP	345	OP	161.87 / 161.87	3649.8 / 3649.8	112.09	112.09	2022W3-GD-W133
	DVP P1-2: LN 566_SRT-W	Single	345	Single	118.36 / 118.36	3426.4 / 3426.4	105.23	105.23	2022W3-GD-W133
	DVP P1-2: LN 566_SRT-W	OP	345	OP	188.97 / 188.97	3424.6 / 3424.6	105.17	105.17	2022W3-GD-W133
	DVP P4-2: 545T552_SRT-W	Single	345	Single	141.84 / 141.84	3215.0 / 3215.0	98.74	98.74	2022W3-GD-W1786
	DVP P4-2: 545T552_SRT-W	OP	345	OP	200.33 / 200.33	4316.6 / 4316.6	124.61	124.61	2022W3-GD-W1786
	DVP P4-2: H2T539_SRT-A	Breaker	345	Above OP	202.26 / 202.26	3857.3 / 3857.3	111.35	111.35	2022W3-GD-W1786
	DVP P4-2: H2T539_SRT-A	OP	345	OP	182.93 / 182.93	3933.8 / 3933.8	113.56	113.56	2022W3-GD-W1786
	DVP P7-1: LN 183-2101_SRT-A	Breaker	345	Below OP	161.9 / 161.9	3259.5 / 3259.5	94.10	94.10	2022W3-GD-W1363
	DVP P7-1: LN 183-2101_SRT-A	OP	345	OP	195.85 / 195.85	4586.3 / 4586.3	132.40	132.40	2022W3-GD-W1363
314918 8MOANNA 500 314911 8LADYSMITH 500 1	DVP P4-2: 5X-2T569_SRT-W	Breaker	345	Above OP	106.32 / 106.32	3208.8 / 3208.8	94.29	94.29	2022W3-GD-W1363
	DVP P4-2: 5X-2T569_SRT-W	OP	345	OP	175.89 / 175.89	3096.8 / 3096.8	91.00	91.00	2022W3-GD-W1363
	DVP P1-3: 8GOOSE CREEK-TX#1_SRT-A	Single	345	Single	16.0 / 16.0	107.9 / 107.9	91.75	91.75	2022W3-GD-W1363
	DVP P1-3: 8GOOSE CREEK-TX#1_SRT-A	OP	345	OP	13.29 / 13.29	1075.2 / 1075.2	91.52	91.52	2022W3-GD-W1363
	AP P1-2: PE-500-40MT_SRT-A	Single	345	Single	95.56 / 94.96	3891.5 / 3866.0	97.74	97.74	2022W3-GD-W1363
	AP P1-2: PE-500-40MT_SRT-A	OP	345	OP	73.65 / 73.31	3632.1 / 3606.1	96.17	96.17	2022W3-GD-W1363
	DVP P1-2: LN 535_SRT-A	Single	345	Single	95.56 / 94.96	3891.5 / 3866.0	97.74	97.74	2022W3-GD-W1363
	DVP P1-2: LN 535_SRT-A	OP	345	OP	73.65 / 73.31	3632.1 / 3606.1	96.17	96.17	2022W3-GD-W1363
	DVP P1-2: LN 585_SRT-A	Single	345	Single	409.75 / 405.66	4395.1 / 4364.2	92.43	92.43	2022W3-GD-W1363
	DVP P1-2: LN 585_SRT-A	OP	345	OP	370.73 / 370.73	4254.3 / 4254.3	90.10	90.10	2022W3-GD-W1363
314939 8GOOSE CREEK 500 313904 8GOOSECRK 230 1	DVP P1-2: LN 9344_SRT-A	Single	345	Single	10.87 / 10.34	1500.6 / 1449.8	107.11	107.11	2022W3-GD-W1363
	DVP P1-2: LN 9344_SRT-A	OP	345	OP	9.47 / 9.09	1402.0 / 1354.6	100.08	100.08	2022W3-GD-W1363
	DVP P1-3: 8MARS-TX#1_SRT-A	Single	345	Single	9.14 / 9.09	1403.8 / 1355.2	100.08	100.08	2022W3-GD-W1363
	DVP P1-3: 8MARS-TX#1_SRT-A	OP	345	OP	9.14 / 9.09	1403.8 / 1355.2	100.12	100.12	2022W3-GD-W1363
	DVP P1-3: 8PL VIEW-TX#3_SRT-A	Single	345	Single	11.28 / 10.34	1494.1 / 1441.8	106.51	106.51	2022W3-GD-W1363
	DVP P1-3: 8PL VIEW-TX#3_SRT-A	OP	345	OP	10.87 / 10.34	1483.7 / 1441.8	106.51	106.51	2022W3-GD-W1363
	DVP P2-2: BRAMBLETON 85_SRT-W	Single	345	Single	9.09 / 9.05	1353.4 / 1304.6	90.60	90.60	2022W3-GD-W1363
	DVP P2-2: BRAMBLETON 85_SRT-W	OP	345	OP	8.87 / 8.87	1304.7 / 1304.7	90.61	90.61	2022W3-GD-W1363
	DVP P2-2: LOUDOUNB4_SRT-A	Single	345	Single	8.87 / 8.87	1304.7 / 1304.7	90.60	90.60	2022W3-GD-W1363
	DVP P2-2: LOUDOUNB4_SRT-A	OP	345	OP	8.87 / 8.87	1304.7 / 1304.7	90.60	90.60	2022W3-GD-W1363
314940 8BROGERS RD 500 314902 8CARSON 500 1	DVP P4-2: L3T203_SRT-W	Breaker	345	Above OP	21.44 / 20.04	1556.8 / 1524.1	105.84	105.84	2022W3-GD-W1363
	DVP P4-2: L3T203_SRT-W	OP	345	OP	21.44 / 20.04	1577.2 / 1544.2	107.24	107.24	2022W3-GD-W1363
	DVP P4-3: PLEASANT H322_SRT-W	Breaker	345	Below OP	11.28 / 10.34	1494.1 / 1441.8	100.12	100.12	2022W3-GD-W1363
	DVP P4-3: PLEASANT H322_SRT-W	OP	345	OP	10.81 / 9.64	1359.9 / 1319.7	100.37	100.37	2022W3-GD-W1363
	DVP P7-1: LN 2095-2137_SRT-A	Breaker	345	Below OP	8.81 / 8.81	1318.7 / 1318.7	91.64	91.64	2022W3-GD-W1363
	DVP P7-1: LN 2095-2137_SRT-A	OP	345	OP	10.81 / 9.64	1597.8 / 1544.8	107.28	107.28	2022W3-GD-W1363
	DVP P7-1: LN 9344-9345_SRT-A	Tower	345	Above OP	9.46 / 9.42	1356.9 / 1317.0	94.23	94.23	2022W3-GD-W1363
	PEPCO P7_1PEPCO_SRT-A	Tower	345	Below OP	17.31 / 16.41	1366.9 / 1339.5	93.02	93.02	2022W3-GD-W1363
	DVP P1-2: LN 911_SRT-W	OP	345	OP	390.11 / 386.29	4284.3 / 4255.4	90.13	90.13	2022W3-GD-W1363
	DVP P1-2: LN 955_SRT-A	OP	345	OP	268.17 / 268.11	3553.9 / 3557.9	100.04	100.04	2022W3-GD-W1363
315067 1DARBYY 13.8 314289 6DARBYYN 230 1	Base Case	Single	345	Single	0.92 / 0.92	86.3 / 86.3	98.07	98.07	2022W3-GD-W1363
	Base Case	OP	345	OP	0.92 / 0.92	86.3 / 86.3	98.07	98.07	2022W3-GD-W1363
	Base Case	Single	345	Single	0.48 / 0.48	86.3 / 86.3	98.07	98.07	2022W3-GD-W1363
	Base Case	OP	345	OP	0.92 / 0.92	90.3 / 90.3	100.37	100.37	2022W3-GD-W1363
	Base Case	Single	345	Single	0.48 / 0.48	90.3 / 90.3	100.37	100.37	2022W3-GD-W1363
	Base Case	OP	345	OP	0.92 / 0.92	88.4 / 88.4	98.17	98.17	2022W3-GD-W1363
	Base Case	Single	345	Single	0.48 / 0.48	88.4 / 88.4	98.17	98.17	2022W3-GD-W1363
	Base Case	OP	345	OP	0.92 / 0.92	88.4 / 88.4	98.25	98.25	2022W3-GD-W1363
	Base Case	Single	345	Single	0.48 / 0.48	88.4 / 88.4	98.24	98.24	2022W3-GD-W1363
	Base Case	OP	345	OP	1.35 / 1.35	126.6 / 126.1	95.26	95.26	2022W3-GD-W1363
315109 1GRAVEL3 13.8 314543 6GRAVELA 230 1	Base Case	Single	345	Single	0.71 / 0.71	128.6 / 128.1	95.26	95.26	2022W3-GD-W1363
	Base Case	OP	345	OP	0.92 / 0.92	86.2 / 86.2	95.79	95.79	2022W3-GD-W1363
	Base Case	Single	345	Single	0.48 / 0.48	86.2 / 86.2	95.79	95.79	2022W3-GD-W1363
	Base Case	OP	345	OP	0.93 / 0.93	87.3 / 87.3	97.01	97.01	2022W3-GD-W1363
	Base Case	Single	345	Single	0.49 / 0.49	87.3 / 87.3	97.01	97.01	2022W3-GD-W1363
	Base Case	OP	345	OP	0.92 / 0.92	86.2 / 86.2	95.73	95.73	2022W3-GD-W1363
	Base Case	Single	345	Single	0.48 / 0.48	86.2 / 86.2	95.73	95.73	2022W3-GD-W1363
	Base Case	OP	345	OP	0.93 / 0.93	87.2 / 87.2	96.85	96.85	2022W3-GD-W1363
	Base Case	Single	345	Single	0.49 / 0.49	87.2 / 87.2	96.84	96.84	2022W3-GD-W1363
	Base Case	OP	345	OP	0.55 / 0.55	92.8 / 92.8	94.25	94.25	2022W3-GD-W1363
315121 1GRAVEL6 13.8 314544 6GRAVELB 230 1	Base Case	Single	345	Single	0.29 / 0.29	458.3 / 458.1	94.46	94.46	2022W3-GD-W1363
	Base Case	OP	345	OP	4.89 / 4.89	458.3 / 458.1	94.40	94.40	2022W3-GD-W1363
	Base Case	Single	345	Single	2.56 / 2.56	458.0 / 457.8	94.40	94.40	2022W3-GD-W1363
	Base Case	OP	345	OP	4.89 / 4.88	458.0 / 457.8	94.40	94.40	2022W3-GD-W1363
	Base Case	Single	345	Single	2.56 / 2.56	458.0 / 457.8	94.39	94.39	2022W3-GD-W1363
	Base Case	OP	345	OP	4.88 / 4.88	458.1 / 457.8	94.40	94.40	2022W3-GD-W1363
	Base Case	Single	345	Single	2.56 / 2.56	458.0 / 457.8	94.40	94.40	2022W3-GD-W1363
	Base Case	OP	345	OP	4.93 / 4.93	463.5 / 463.3	95.53	95.53	2022W3-GD-W1363
	Base Case	Single	345	Single	2.58 / 2.58	463.5 / 463.2	95.46	95.46	2022W3-GD-W1363
	Base Case	OP	345	OP	4.89 / 4.89	458.4 / 458.2	94.42	94.42	2022W3-GD-W1363
315153 1CLOVER1 24.0 314686 6CLOVER 230 1	Base Case	Single	345	Single	2.56 / 2.56	458.3 / 458.1	94.42	94.42	2022W3-GD-W1363
	Base Case	OP	345	OP	4.89 / 4.89	458.3 / 458.1	94.40	94.40	2022W3-GD-W1363
	Base Case	Single	345	Single	2.56 / 2.56	458.0 / 457.8	94.40	94.40	2022W3-GD-W1363
	Base Case	OP	345	OP	4.89 / 4.88	458.0 / 457.8	94.40	94.40	2022W3-GD-W1363
	Base Case	Single	345	Single	2.56 / 2.56	458.0 / 457.8	94.40	94.40	2022W3-GD-W1363
	Base Case	OP	345	OP	4.88 / 4.88	458.1 / 457.8	94.40	94.40	2022W3-GD-W1363
	Base Case	Single	345	Single	2.56 / 2.56	458.0 / 457.8	94.40	94.40	2022W3-GD-W1363
	Base Case	OP	345	OP	4.93 / 4.93	463.5 / 463.3	95.53	95.53	2022W3-GD-W1363
	Base Case	Single	345	Single	2.58 / 2.58	463.5 / 463.2	95.46	95.46	2022W3-GD-W1363
	Base Case	OP	345	OP	4.89 / 4.89	458.4 / 458.2	94.42	94.42	2022W3-GD-W1363

315154.1CLOVER2 24.0 314686 CLOVER 230 1	Monitored Facility	Cont Name	ContType	Areas	OP Rule	LTF Impact (Max/Min)	Scenario	Final AC %LD	
								Baseline (WIN)	Proposal Containing the Project (WIN)
315201.1BATH 1A 20.5 988757 BATH3W1 20.5 1		MEP_P1-1_#4838_05GAVIN 765.2_SRT-OP	OP	345	OP	4.84/4.84	454.0/453.8	93.57	93.32
		EP_P1-1_#4839_05ROCKPT765.1_SRT-OP	Single	345	Single	2.54/2.54	453.8/453.5	93.56	93.31
		EP_P1-1_#4839_05ROCKPT765.1_SRT-OP	OP	345	OP	4.84/4.84	453.8/453.5	93.51	93.27
		MEP_P1-1_#4965_05AMOS 765.3_SRT-OP	Single	345	Single	2.53/2.53	453.7/453.5	93.52	93.27
		MEP_P1-1_#4965_05AMOS 765.3_SRT-OP	OP	345	OP	4.84/4.84	453.7/453.5	93.51	93.27
		AEP_P1-2_#363_1682_SRT-A	Single	345	Single	2.53/2.53	453.7/453.5	93.51	93.27
		AEP_P1-2_#363_1682_SRT-A	OP	345	OP	4.89/4.89	458.2/458.9	94.63	94.38
		DVP_P1-2_LN596_SRT-A	Single	345	Single	2.56/2.56	458.1/458.9	94.62	94.37
		DVP_P1-2_LN596_SRT-A	OP	345	OP	4.85/4.85	454.2/453.9	93.55	93.30
		243186.05GV62.26.0_SRT-W	OP	345	OP	5.5/5.5	524.5/524.5	103.33	103.33
		243187.05GV62.26.0_SRT-W	Single	345	Single	2.88/2.88	524.5/524.5	103.33	103.33
		243187.05GV62.26.0_SRT-W	OP	345	OP	5.5/5.5	524.6/524.6	103.34	103.34
		MEP_P1-1_#4838_05GAVIN 765.2_SRT-OP	Single	345	Single	2.88/2.88	524.6/524.6	103.34	103.34
		AEP_P1-2_#363_1682_SRT-A	Single	345	Single	5.56/5.56	524.6/524.6	103.36	103.36
		EP_P2-2_#6188_05HANG R765.1_SRT-EP	Single	345	Single	2.91/2.91	524.6/524.6	103.36	103.36
EP_P4_#3002_05ROCKPT765.C2_SRT-EP	Single	345	Single	5.61/5.61	524.7/529.7	104.36	104.36		
MEP_P4_#363_05JEFRSO 765.B1_SRT-A	Bus	345	Bus	2.94/2.94	524.7/529.7	104.35	104.35		
MEP_P4_#363_05JEFRSO 765.B1_SRT-A	Breaker	345	Breaker	5.53/5.53	523.0/522.0	96.67	96.67		
MEP_P4_#6248_05JEFRSO 765.B_SRT-A	Breaker	345	Breaker	5.61/5.61	523.7/529.7	98.10	98.10		
MEP_P4_#6248_05JEFRSO 765.B_SRT-A	Breaker	345	Breaker	5.61/5.61	523.7/529.7	98.10	98.10		
MEP_P4_#6248_05JEFRSO 765.B_SRT-A	Breaker	345	Breaker	5.61/5.61	523.7/529.7	98.10	98.10		
EP_P5_#11280_05ROCK 05ROCK SRT-EP	Breaker	345	Breaker	5.61/5.61	523.7/529.7	98.10	98.10		
AP_P2-2_WP-500-DR10_SRT-W	Bus	345	Bus	5.52/5.52	520.5/520.5	96.59	96.59		
AP_P2-2_WP-500-DR10_SRT-W	Bus	345	Bus	5.52/5.52	520.7/520.7	96.43	96.43		
AP_P2-2_WP-500-DR18_SRT-A	Bus	345	Bus	5.5/5.5	519.0/519.0	96.11	96.11		
AP_P2-2_WP-500-DR18_SRT-A	OP	345	OP	2.88/2.88	519.0/519.0	96.11	96.11		
AP_P2-2_WP-500-DR18_SRT-A	OP	345	OP	5.57/5.57	525.3/525.3	103.49	103.49		
DVP_P1-2_LN596_SRT-A	OP	345	OP	2.92/2.92	525.3/525.3	103.49	103.49		
DVP_P1-2_LN596_SRT-A	Single	345	Single	5.5/5.5	518.9/518.9	96.10	96.10		
DVP_P7-1_LN229-55_SRT-A	Tower	345	Tower	5.5/5.5	520.8/520.8	96.44	96.44		
ME_P2-2_ME230.004_SRT-A	Bus	345	Bus	5.52/5.52	522.0/522.0	96.66	96.66		
ME_P2-2_ME230.004_SRT-A	Breaker	345	Breaker	5.53/5.53	521.9/521.9	96.64	96.64		
0607_SRT-A-#CHESCO\$PECO P7-1	Tower	345	Tower	5.53/5.53	521.2/521.2	96.51	96.51		
0607_SRT-A-#BUCKS\$PECO P7-1	Bus	345	Bus	5.52/5.52	521.2/521.2	103.85	103.85		
PL_11_P22_000176_SRT-A	OP	345	OP	5.5/5.5	527.1/527.1	103.85	103.85		
243186.05GV61.26.0_SRT-W	OP	345	OP	2.88/2.88	527.1/527.1	103.86	103.86		
243187.05GV62.26.0_SRT-W	OP	345	OP	5.5/5.5	527.2/527.2	103.86	103.86		
MEP_P1-1_#4838_05GAVIN 765.2_SRT-OP	Single	345	Single	2.88/2.88	527.2/527.2	103.86	103.86		
MEP_P1-1_#4838_05GAVIN 765.2_SRT-OP	OP	345	OP	5.56/5.56	527.3/527.3	103.88	103.88		
AEP_P1-2_#363_1682_SRT-A	Single	345	Single	2.91/2.91	527.3/527.3	103.88	103.88		
AEP_P1-2_#363_1682_SRT-A	OP	345	OP	5.61/5.61	522.3/522.3	104.87	104.87		
EP_P2-2_#6188_05HANG R765.1_SRT-EP	Single	345	Single	2.94/2.94	522.3/522.3	104.86	104.86		
EP_P4_#3002_05ROCKPT765.C2_SRT-EP	Bus	345	Bus	5.53/5.53	524.7/524.7	97.16	97.16		
MEP_P4_#363_05JEFRSO 765.B1_SRT-A	Breaker	345	Breaker	5.61/5.61	522.3/522.3	98.58	98.58		
MEP_P4_#6248_05JEFRSO 765.B_SRT-A	Breaker	345	Breaker	5.61/5.61	522.3/522.3	98.58	98.58		
MEP_P4_#6248_05JEFRSO 765.B_SRT-A	Breaker	345	Breaker	5.61/5.61	522.3/522.3	98.58	98.58		
EP_P5_#11280_05ROCK 05ROCK SRT-EP	Breaker	345	Breaker	5.61/5.61	522.3/522.3	98.54	98.54		
AP_P2-2_WP-500-DR10_SRT-W	Bus	345	Bus	5.52/5.52	523.2/523.2	96.88	96.88		
AP_P2-2_WP-500-DR18_SRT-A	Bus	345	Bus	5.52/5.52	523.4/523.4	96.93	96.93		
AP_P2-2_WP-500-DR18_SRT-A	OP	345	OP	5.5/5.5	521.7/521.7	96.60	96.60		
AP_P2-2_WP-500-DR18_SRT-A	OP	345	OP	2.88/2.88	521.6/521.6	96.60	96.60		
DVP_P1-2_LN596_SRT-A	OP	345	OP	5.57/5.57	528.0/528.0	104.01	104.01		
DVP_P1-2_LN596_SRT-A	Single	345	Single	2.92/2.92	527.9/527.9	104.00	104.00		
DVP_P7-1_LN229-55_SRT-A	Tower	345	Tower	5.5/5.5	521.6/521.6	96.59	96.59		
ME_P2-2_ME230.004_SRT-A	Bus	345	Bus	5.52/5.52	523.5/523.5	96.94	96.94		
0607_SRT-A-#CHESCO\$PECO P7-1	Tower	345	Tower	5.53/5.53	524.6/524.6	97.15	97.15		
0607_SRT-A-#BUCKS\$PECO P7-1	OP	345	OP	5.53/5.53	524.5/524.5	97.13	97.13		
PL_11_P22_000176_SRT-A	Bus	345	Bus	5.52/5.52	523.8/523.8	97.00	97.00		
243186.05GV61.26.0_SRT-W	OP	345	OP	5.5/5.5	523.4/523.4	103.54	103.54		
243187.05GV62.26.0_SRT-W	Single	345	Single	2.88/2.88	525.6/525.6	103.54	103.54		
243187.05GV62.26.0_SRT-W	OP	345	OP	5.5/5.5	525.6/525.6	103.56	103.56		
MEP_P1-1_#4838_05GAVIN 765.2_SRT-OP	Single	345	Single	2.88/2.88	525.6/525.6	103.55	103.55		
MEP_P1-1_#4838_05GAVIN 765.2_SRT-OP	OP	345	OP	5.56/5.56	525.8/525.8	103.58	103.58		
AEP_P1-2_#363_1682_SRT-A	Single	345	Single	2.91/2.91	525.7/525.7	103.57	103.57		
AEP_P1-2_#363_1682_SRT-A	OP	345	OP	5.61/5.61	530.8/530.8	104.57	104.57		
EP_P2-2_#6188_05HANG R765.1_SRT-EP	Single	345	Single	2.94/2.94	530.7/530.7	104.56	104.56		
EP_P4_#3002_05ROCKPT765.C2_SRT-EP	Bus	345	Bus	5.54/5.54	523.1/523.1	96.87	96.87		
MEP_P4_#363_05JEFRSO 765.B1_SRT-A	Breaker	345	Breaker	5.61/5.61	530.8/530.8	98.30	98.30		
MEP_P4_#6248_05JEFRSO 765.B_SRT-A	Breaker	345	Breaker	5.61/5.61	530.8/530.8	98.30	98.30		
MEP_P4_#6248_05JEFRSO 765.B_SRT-A	Breaker	345	Breaker	5.61/5.61	530.8/530.8	98.30	98.30		
EP_P5_#11280_05ROCK 05ROCK SRT-EP	Breaker	345	Breaker	5.61/5.61	530.8/530.8	98.30	98.30		

Monitored Facility	Cont Name	ContType	Areas	OP Rule	LTF Impact (Max/Min)	Scenario	Final AC %LD		FG #							
							Baseline (WIN)	Proposal Containing the Project (WIN)								
315204 1BATH 4D 20.5 988756BATH 3W6 20.5 1	EP P5 #11280 05ROCK 05ROCK SRT	Breaker	345	Below OP	5.61/5.61	530.5/530.5	98.25	98.25	98.25							
	AP P2-2 WP-500-DRT10 SRT-W	Bus	345	Below OP	5.52/5.52	521.6/521.6	96.59	96.59	96.59							
	AP P2-2 WP-500-DRT18 SRT-A	Bus	345	Below OP	5.52/5.52	521.8/521.8	96.63	96.63	96.63							
	Base Case															
											DVP P1-2 LN 596 SRT-A	OP	2.88/2.88	520.1/520.1	96.31	96.31
	DVP P7-1 LN 229-55 SRT-A	Single	345	Below OP	2.92/2.92	520.0/520.0	96.30	96.30	96.30	96.30						
											ME P2-2 LN 229-55 SRT-A	Single	345	Below OP	5.57/5.57	523.1/523.1
	ME P2-2 LN 230-004 SRT-A	Tower	345	Below OP	5.52/5.52	523.9/523.9	96.64	96.64	96.64	96.64						
											ME P2-2 LN 230-004 SRT-A	Tower	345	Below OP	5.53/5.53	522.9/522.9
	0607 SRT-A* \$CHESCO \$PECO P7-1	Tower	345	Below OP	5.53/5.53	522.9/522.9	96.71	96.71	96.71	96.71						
											09081 SRT-A* \$RUCKS \$PECO P7-1	Tower	345	Below OP	5.53/5.53	522.2/522.2
	PL 11 P22 000176 SRT-A	Bus	345	OP	5.57/5.57	526.0/526.0	103.62	103.62	103.62	103.62						
											243186 05GVG126.0 SRT-W	OP	345	Single	2.88/2.88	526.0/526.0
	243187 05GVG226.0 SRT-W	OP	345	Single	5.57/5.57	526.1/526.1	103.64	103.64	103.64	103.64						
											ME P2-2 LN 4838 05GAVIN 765.2 SRT-	OP	345	Single	5.56/5.56	526.2/526.2
	ME P2-2 LN 4838 05GAVIN 765.2 SRT-	OP	345	Single	2.91/2.91	526.1/526.1	103.65	103.65	103.65	103.65						
											AEP P1-2 #363 1682 SRT-A	OP	345	Single	5.61/5.61	531.2/531.2
	EP P2-2 #6188 05HANG R765.1 SRT	Bus	345	Below OP	5.53/5.53	523.5/523.5	96.95	96.95	96.95	96.95						
											EP P4 #3002 05ROCKPT 765 C2 SRT	Breaker	345	Below OP	5.61/5.61	531.2/531.2
	EP P4 #3002 05ROCKPT 765 C2 SRT	Breaker	345	Below OP	5.61/5.61	531.2/531.2	98.37	98.37	98.37	98.37						
											AEP P4 #8648 05IEFRSO 765 B SRT-A	Breaker	345	Below OP	5.61/5.61	531.2/531.2
	AEP P4 #8648 05IEFRSO 765 B SRT-A	Breaker	345	Below OP	5.61/5.61	531.2/531.2	98.37	98.37	98.37	98.37						
											EP P5 #11280 05ROCK 05ROCK SRT	Breaker	345	Below OP	5.61/5.61	531.0/531.0
	EP P5 #11280 05ROCK 05ROCK SRT	Breaker	345	Below OP	5.52/5.52	522.0/522.0	96.71	96.71	96.71	96.71						
											AP P2-2 WP-500-DRT10 SRT-W	Bus	345	Below OP	5.52/5.52	520.5/520.5
	AP P2-2 WP-500-DRT18 SRT-A	Bus	345	OP	5.57/5.57	520.5/520.5	96.39	96.39	96.39	96.39						
											DVP P1-2 LN 596 SRT-A	OP	345	Single	2.88/2.88	520.5/520.5
	DVP P1-2 LN 596 SRT-A	OP	345	Single	2.88/2.88	520.5/520.5	96.39	96.39	96.39	96.39						
											DVP P7-1 LN 229-55 SRT-A	Tower	345	Below OP	5.57/5.57	526.8/526.8
	DVP P7-1 LN 229-55 SRT-A	Tower	345	Below OP	5.57/5.57	526.8/526.8	103.78	103.78	103.78	103.78						
											ME P2-2 LN 230-004 SRT-A	Bus	345	Below OP	5.52/5.52	522.3/522.3
	ME P2-2 LN 230-004 SRT-A	Bus	345	Below OP	5.52/5.52	522.3/522.3	96.72	96.72	96.72	96.72						
0607 SRT-A* \$CHESCO \$PECO P7-1											Tower	345	Below OP	5.53/5.53	523.5/523.5	96.94
0607 SRT-A* \$CHESCO \$PECO P7-1	Tower	345	Below OP	5.53/5.53	523.5/523.5	96.94	96.94	96.94	96.94							
										PL 11 P22 000176 SRT-A	Bus	345	Below OP	5.53/5.53	523.4/523.4	96.92
PL 11 P22 000176 SRT-A	Bus	345	Below OP	5.53/5.53	522.7/522.7	96.79	96.79	96.79	96.79							
										243186 05GVG126.0 SRT-W	OP	345	Single	2.88/2.88	526.4/526.4	103.71
243186 05GVG126.0 SRT-W	OP	345	Single	5.51/5.51	526.4/526.4	103.71	103.71	103.71	103.71							
										243187 05GVG226.0 SRT-W	OP	345	Single	5.51/5.51	526.5/526.5	103.73
243187 05GVG226.0 SRT-W	OP	345	Single	2.88/2.88	526.5/526.5	103.72	103.72	103.72	103.72							
										AEP P1-1 #4838 05GAVIN 765.2 SRT-	OP	345	Single	5.57/5.57	526.6/526.6	103.75
AEP P1-1 #4838 05GAVIN 765.2 SRT-	OP	345	Single	2.92/2.92	526.6/526.6	103.74	103.74	103.74	103.74							
										EP P2-2 #6188 05HANG R765.1 SRT	Bus	345	Below OP	5.62/5.62	531.7/531.7	104.74
EP P2-2 #6188 05HANG R765.1 SRT	Bus	345	Below OP	5.62/5.62	531.6/531.6	104.73	104.73	104.73	104.73							
										EP P4 #3002 05ROCKPT 765 C2 SRT	Breaker	345	Below OP	5.54/5.54	524.0/524.0	97.03
EP P4 #3002 05ROCKPT 765 C2 SRT	Breaker	345	Below OP	5.62/5.62	531.7/531.7	98.46	98.46	98.46	98.46							
										AEP P4 #8648 05IEFRSO 765 B SRT-A	Breaker	345	Below OP	5.62/5.62	531.7/531.7	98.46
AEP P4 #8648 05IEFRSO 765 B SRT-A	Breaker	345	Below OP	5.62/5.62	531.7/531.7	98.46	98.46	98.46	98.46							
										EP P5 #11280 05ROCK 05ROCK SRT	Breaker	345	Below OP	5.62/5.62	531.4/531.4	98.41
EP P5 #11280 05ROCK 05ROCK SRT	Breaker	345	Below OP	5.62/5.62	531.4/531.4	98.41	98.41	98.41	98.41							
										AP P2-2 WP-500-DRT10 SRT-W	Bus	345	Below OP	5.52/5.52	522.5/522.5	96.75
AP P2-2 WP-500-DRT10 SRT-W	Bus	345	Below OP	5.53/5.53	522.7/522.7	96.79	96.79	96.79	96.79							
										AP P2-2 WP-500-DRT18 SRT-A	Bus	345	Below OP	5.51/5.51	520.9/520.9	96.47
AP P2-2 WP-500-DRT18 SRT-A	Bus	345	Below OP	2.88/2.88	520.9/520.9	96.47	96.47	96.47	96.47							
										DVP P1-2 LN 596 SRT-A	OP	345	Single	5.58/5.58	527.3/527.3	103.88
DVP P1-2 LN 596 SRT-A	OP	345	Single	2.92/2.92	520.9/520.9	96.46	96.46	96.46	96.46							
										DVP P7-1 LN 229-55 SRT-A	Tower	345	Below OP	5.51/5.51	520.9/520.9	96.46
DVP P7-1 LN 229-55 SRT-A	Tower	345	Below OP	5.53/5.53	523.9/523.9	96.80	96.80	96.80	96.80							
										ME P2-2 LN 230-004 SRT-A	Bus	345	Below OP	5.54/5.54	523.8/523.8	97.00
ME P2-2 LN 230-004 SRT-A	Bus	345	Below OP	5.54/5.54	523.8/523.8	97.00	97.00	97.00	97.00							
										0607 SRT-A* \$CHESCO \$PECO P7-1	Tower	345	Below OP	5.53/5.53	522.1/522.1	96.87
0607 SRT-A* \$CHESCO \$PECO P7-1	Tower	345	Below OP	5.53/5.53	523.1/523.1	103.86	103.86	103.86	103.86							
										PL 11 P22 000176 SRT-A	Bus	345	Below OP	5.52/5.52	527.3/527.3	103.88
PL 11 P22 000176 SRT-A	Bus	345	Below OP	5.52/5.52	527.3/527.3	103.88	103.88	103.88	103.88							
										243186 05GVG126.0 SRT-W	OP	345	Single	2.89/2.89	527.3/527.3	103.89
243186 05GVG126.0 SRT-W	OP	345	Single	5.52/5.52	527.3/527.3	103.89	103.89	103.89	103.89							
										243187 05GVG226.0 SRT-W	OP	345	Single	2.89/2.89	527.4/527.4	103.89
243187 05GVG226.0 SRT-W	OP	345	Single	5.52/5.52	527.4/527.4	103.89	103.89	103.89	103.89							
										ME P2-2 LN 4838 05GAVIN 765.2 SRT-	OP	345	Single	2.92/2.92	527.4/527.4	103.91
ME P2-2 LN 4838 05GAVIN 765.2 SRT-	OP	345	Single	5.63/5.63	532.5/532.5	104.91	104.91	104.91	104.91							
										AEP P1-2 #363 1682 SRT-A	OP	345	Single	2.95/2.95	526.5/526.5	104.90
AEP P1-2 #363 1682 SRT-A	OP	345	Single	5.55/5.55	524.8/524.8	97.19	97.19	97.19	97.19							
										EP P2-2 #6188 05HANG R765.1 SRT	Bus	345	Below OP	5.63/5.63	532.5/532.5	98.62
EP P2-2 #6188 05HANG R765.1 SRT	Bus	345	Below OP	5.63/5.63	532.5/532.5	98.62	98.62	98.62	98.62							
										EP P4 #3002 05ROCKPT 765 C2 SRT	Breaker	345	Below OP	5.63/5.63	532.5/532.5	98.62
EP P4 #3002 05ROCKPT 765 C2																

Monitored Facility	Cont Name	ContType	Areas	OP Rule	LTF Impact (Max/Min)	Scenario	Final AC %LD		
							Baseline (WIN)	Proposal Containing the Project (WIN)	
						AC Final Flow (Max/Min)		FG #	
315244.171-008 ST 24.0 31494786RENSVILLE 500 1	KEP P4_#6848_05JEFRSD765_B_SRT-A	Breaker	345	Below OP	5.63/5.63	563.5/563.5	98.62	98.62	
	KEP P4_#9336_05ROCKPT765_C_SRT-A	Breaker	345	Below OP	5.63/5.63	563.5/563.5	98.62	98.62	
	EP P5_#11280_05ROCK_05ROCK_SRT	Breaker	345	Below OP	5.63/5.63	563.5/563.5	98.57	98.57	
	AP P2-2_WP-500-DRT10_SRT-W	Bus	345	Below OP	5.54/5.54	523.5/523.5	96.91	96.91	
	AP P2-2_WP-500-DRT18_SRT-A	Bus	345	Below OP	5.54/5.54	523.5/523.5	96.95	96.95	
		Base Case							
		DVP P1-2_LN596_SRT-A	Single	345	OP	2.89/2.89	521.8/521.8	96.63	96.63
		DVP P1-2_LN596_SRT-A	Single	345	OP	5.59/5.59	528.1/528.1	104.05	104.05
		DVP P1-2_LN592_SRT-A	Single	345	OP	2.93/2.93	528.1/528.1	104.04	104.04
		ME P2-2_ME-230-004_SRT-A	Tower	345	Below OP	5.52/5.52	521.7/521.7	96.61	96.61
		ME P2-2_ME-230-004_SRT-A	Bus	345	Below OP	5.54/5.54	523.6/523.6	96.96	96.96
		0607_SRT-A/*_CHESCO\$PECO_P7-1	Tower	345	Below OP	5.55/5.55	524.8/524.8	97.18	97.18
		0091_SRT-A/*_BUCKS\$PECO_P7-1	Tower	345	Below OP	5.55/5.55	524.7/524.7	97.16	97.16
		PL 11_P22_000176_SRT-A	Bus	345	Below OP	5.54/5.54	523.9/523.9	97.03	97.03
		243186_05VG126.0_SRT-W	OP	345	OP	6.42/6.42	617.2/616.7	238.75	238.75
			Single	345	Single	3.36/3.36	617.2/616.6	238.55	238.55
		243187_05VG226.0_SRT-W	OP	345	OP	6.42/6.42	617.2/616.7	238.77	238.77
			Single	345	Single	3.36/3.36	617.2/616.7	238.57	238.57
		KEP P1-1_#4838_05GAVIN765_2_SRT-	OP	345	OP	6.49/6.49	617.4/616.8	238.62	238.62
			Single	345	Single	3.4/3.4	617.3/616.8	238.60	238.60
		AEP_P1-2_#363_1682_SRT-A	OP	345	OP	6.55/6.55	621.9/621.4	240.37	240.37
			Single	345	Single	3.43/3.43	621.8/621.3	240.35	240.35
		EP P2-2_#6188_05HANG R765_1_SRT-	Bus	345	Below OP	6.45/6.45	614.8/614.7	225.54	225.54
		EP P4_#3002_05ROCKPT765_C2_SRT-	Breaker	345	Below OP	6.55/6.55	621.9/621.4	225.96	225.96
		KEP P4_#963_05JEFRSD765_B1_SRT-A	Breaker	345	Below OP	6.55/6.55	621.9/621.4	225.96	225.96
		AP P2-2_WP-500-DRT10_SRT-W	Bus	345	Below OP	6.43/6.43	615.0/614.5	223.63	223.63
		AP P2-2_WP-500-DRT18_SRT-A	Bus	345	Below OP	6.44/6.44	615.1/614.7	223.68	223.68
			OP	345	OP	6.42/6.42	615.0/614.5	223.63	223.63
		DPL P7_1_B47_DPL3_SRT-A	OP	345	OP	6.44/6.44	615.1/614.7	223.54	223.54
			Single	345	Single	3.36/3.36	612.8/612.3	222.82	222.82
		DVP P1-2_LN592_SRT-A	OP	345	OP	6.43/6.43	614.9/614.2	222.67	222.67
			Single	345	Single	3.4/3.4	614.9/614.2	223.59	223.59
		DVP P1-2_LN592_SRT-A	OP	345	OP	6.48/6.48	633.9/633.2	245.24	245.24
			Single	345	Single	3.4/3.4	633.9/633.2	244.94	244.94
		DVP_P4-1_WARREN_G1S42_SRT-A	Breaker	345	Below OP	6.48/6.48	633.9/633.2	230.26	230.26
		DVP_P4-2_580T592_SRT-A	Breaker	345	Below OP	6.48/6.48	657.2/664.6	241.66	241.66
		DVP_P4-3_H1TH3_SRT-A	Breaker	345	Below OP	6.52/6.52	622.6/622.3	226.29	226.29
		DVP_P7-1_LN_239-55_SRT-A	Tower	345	Below OP	6.42/6.42	613.0/612.6	222.91	222.91
		ME P2-2_ME-230-004_SRT-A	Bus	345	Below OP	6.44/6.44	616.0/615.3	224.01	224.01
		0607_SRT-A/*_CHESCO\$PECO_P7-1	Tower	345	Below OP	6.45/6.45	618.3/617.5	224.56	224.56
		0091_SRT-A/*_BUCKS\$PECO_P7-1	Tower	345	Below OP	6.45/6.45	618.0/617.2	224.73	224.73
		PL_11_P22_000176_SRT-A	Bus	345	Below OP	6.44/6.44	616.6/615.9	224.22	224.22
		PL_48_P71_102649_SRT-A	Tower	345	Below OP	6.48/6.48	621.3/620.6	225.92	225.92
		KEP P1-1_#4838_05GAVIN765_2_SRT-	OP	345	OP	3.06/3.06	328.4/329.4	125.15	125.15
			Single	345	Single	1.6/1.6	328.4/329.4	125.14	125.14
	EP P1-1_#4839_05ROCKPT765_1_SRT-	OP	345	OP	3.05/3.05	328.2/328.0	125.08	125.08	
		Single	345	Single	1.6/1.6	328.2/328.0	125.08	125.08	
	EP P1-1_#4840_05ROCKPT765_2_SRT-	OP	345	OP	3.05/3.05	328.1/328.1	124.67	124.67	
		Single	345	Single	1.6/1.6	328.1/328.1	124.67	124.67	
	KEP P1-1_#4851_05COOK345_1_SRT-	OP	345	OP	3.05/3.05	328.6/328.6	124.85	124.85	
		Single	345	Single	1.6/1.6	328.6/328.6	124.85	124.85	
	KEP P1-1_#4852_05COOK765_2_SRT-	OP	345	OP	3.05/3.05	328.9/328.9	124.98	124.98	
		Single	345	Single	1.6/1.6	328.9/328.9	124.97	124.97	
	KEP P1-1_#4865_05AMOS765_3_SRT-	OP	345	OP	3.05/3.05	328.2/328.3	125.09	125.09	
		Single	345	Single	1.6/1.6	328.2/328.2	125.08	125.08	
	AEP_P1-2_#10138_SRT-A	OP	345	OP	3.05/3.05	328.2/329.2	125.08	125.08	
		Single	345	Single	1.6/1.6	331.8/331.8	126.07	126.07	
	AEP_P1-2_#363_1682_SRT-A	OP	345	OP	3.08/3.08	331.8/331.8	126.06	126.06	
		Single	345	Single	1.62/1.62	331.8/331.8	156.55	156.55	
		OP	345	OP	3.02/3.02	326.7/326.7	155.55	155.55	
		Single	345	Single	1.58/1.58	326.7/326.7	155.55	155.55	
	KEP P1-1_#4838_05GAVIN765_2_SRT-	OP	345	OP	3.37/3.37	355.1/355.1	134.90	134.90	
		Single	345	Single	1.76/1.76	355.0/355.0	134.89	134.89	
	EP P1-1_#4839_05ROCKPT765_1_SRT-	OP	345	OP	3.37/3.37	354.9/353.7	134.83	134.83	
		Single	345	Single	1.76/1.76	354.8/353.7	134.82	134.82	
	EP P1-1_#4840_05ROCKPT765_2_SRT-	OP	345	OP	3.37/3.37	353.9/353.9	134.44	134.44	
		Single	345	Single	1.76/1.76	353.9/353.8	134.43	134.43	
	KEP P1-1_#4852_05COOK765_2_SRT-	OP	345	OP	3.36/3.36	354.6/354.6	134.71	134.71	
		Single	345	Single	1.76/1.76	354.5/354.5	134.70	134.70	
	KEP P1-1_#4865_05AMOS765_3_SRT-	OP	345	OP	3.37/3.37	354.9/352.1	133.79	133.79	
		Single	345	Single	1.76/1.76	354.9/352.1	133.78	133.78	
	AEP_P1-2_#10138_SRT-A	OP	345	OP	3.37/3.37	354.9/354.9	134.83	134.83	
		Single	345	Single	1.76/1.76	354.8/354.8	134.82	134.82	
	AEP_P1-2_#17218_SRT-A	OP	345	OP	3.36/3.36	352.5/352.5	133.91	133.91	
		Single	345	Single	1.76/1.76	352.4/352.4	133.90	133.90	



Monitored Facility	Cont Name	ContType	Areas	OP Rule	LTF Impact (Max/Min)	Scenario	Final AC %LD		FG #
							Baseline (WIN)	Proposal Containing the Project (WIN)	
988756 BATH 3W3 20.5 314801 8BATH CO 500 1	EP P2-2_#6188_05HANG R765_1_SRT	Single	345	Single	5.89/5.89	1048.2/1048.2	103.25	103.25	
	EP P2-2_#7165_05VACITY138_1_SRT	Bus	345	Below OP	11.09/11.09	1032.8/1032.8	95.63	95.63	
	EP P4_#3002_05ROCKPT765_C2_SRT	Breaker	345	Below OP	11.09/11.09	1031.5/1031.5	95.51	95.51	
	EP P4_#3002_05ROCKPT765_B1_SRT-A	Breaker	345	Below OP	11.25/11.25	1048.4/1048.4	97.07	97.07	
	EP P4_#6848_05JFRSO765_B_SRT-A	Breaker	345	Below OP	11.25/11.25	1048.4/1048.4	97.07	97.07	
	EP P4_#8336_05ROCKPT765_C_SRT	Breaker	345	Below OP	11.25/11.25	1048.4/1048.4	97.07	97.07	
	EP P5_#11280_05ROCK_05ROCK_SRT	Breaker	345	Below OP	11.25/11.25	1047.8/1047.8	97.02	97.02	
	AP P2-2_WP-500-DRT15_SRT-W	Bus	345	Below OP	11.09/11.09	1032.3/1032.3	95.59	95.59	
	Base Case	OP	345	OP	11.03/11.03	1026.6/1026.6	95.06	95.06	
	77-1_345-L0301_B-S+345-L0303_F	Tower	345	Single	5.78/5.78	1026.6/1026.6	95.06	95.06	
	77-1_345-L0302_B-S+345-L0304_F	Tower	345	Below OP	11.03/11.03	1032.8/1032.7	95.62	95.63	
	77-1_345-L2912_B-S+345-L2913_F	Tower	345	Below OP	11.03/11.03	1032.8/1032.7	95.62	95.63	
	DVP P1-2_LN596_SRT-A	OP	345	OP	11.09/11.09	1032.4/1032.4	95.59	95.59	
	OP	345	OP	11.16/11.16	1039.2/1039.2	102.37	102.37		
	Single	345	Single	5.85/5.85	1039.1/1039.1	102.36	102.36		
	9607_SRT-AI*\$_CHESCO\$_PECO_P7-1	Tower	345	Below OP	11.09/11.09	1032.6/1032.5	95.61	95.61	
	PL_08_P22_102799_SRT-A	Bus	345	Below OP	11.08/11.08	1031.6/1031.6	95.52	95.52	
	PL_08_P22_102801_SRT-A	Bus	345	Below OP	11.08/11.08	1031.2/1031.1	95.48	95.48	
	PL_48_P71_102849_SRT-A	Tower	345	Below OP	11.14/11.14	1036.6/1036.6	95.98	95.98	
	243186_05GV6126_0_SRT-W	OP	345	OP	11.0/11.0	1036.2/1036.2	102.07	102.07	
	243187_05GV6226_0_SRT-W	OP	345	Single	5.76/5.76	1036.2/1036.2	102.07	102.07	
	OP	345	OP	11.0/11.0	1036.4/1036.4	102.09	102.09		
	Single	345	Single	5.76/5.76	1036.3/1036.3	102.08	102.08		
	OP	345	OP	11.13/11.13	1036.6/1036.6	102.11	102.11		
Single	345	Single	5.83/5.83	1036.5/1036.5	102.10	102.10			
OP	345	OP	11.23/11.23	1046.8/1046.8	103.11	103.11			
Single	345	Single	5.88/5.88	1046.7/1046.6	103.10	103.10			
988756 BATH 3W1 20.5 314801 8BATH CO 500 1	EP P2-2_#6188_05HANG R765_1_SRT	Single	345	Below OP	11.07/11.07	1031.3/1031.2	95.48	95.48	
EP P2-2_#7165_05VACITY138_1_SRT	Bus	345	Below OP	11.06/11.06	1030.0/1030.0	95.37	95.37		
EP P4_#3002_05ROCKPT765_C2_SRT	Breaker	345	Below OP	11.23/11.23	1046.8/1046.8	96.92	96.93		
EP P4_#3002_05ROCKPT765_B1_SRT-A	Breaker	345	Below OP	11.23/11.23	1046.8/1046.8	96.92	96.93		
EP P4_#6848_05JFRSO765_B_SRT-A	Breaker	345	Below OP	11.23/11.23	1046.8/1046.8	96.92	96.93		
EP P4_#8336_05ROCKPT765_C_SRT	Breaker	345	Below OP	11.23/11.23	1046.8/1046.8	96.92	96.93		
EP P5_#11280_05ROCK_05ROCK_SRT	Breaker	345	Below OP	11.23/11.23	1046.3/1046.3	96.88	96.88		
AP P2-2_WP-500-DRT15_SRT-W	Bus	345	Below OP	11.07/11.07	1030.8/1030.8	95.44	95.44		
Base Case	OP	345	OP	11.0/11.0	1025.1/1025.1	94.91	94.92		
77-1_345-L0301_B-S+345-L0303_F	Tower	345	Single	5.76/5.76	1025.1/1025.0	94.91	94.91		
77-1_345-L0302_B-S+345-L0304_F	Tower	345	Below OP	11.0/11.0	1031.2/1031.2	95.48	95.48		
77-1_345-L2912_B-S+345-L2913_F	Tower	345	Below OP	11.0/11.0	1031.2/1031.2	95.48	95.48		
DVP P1-2_LN596_SRT-A	OP	345	OP	11.07/11.07	1030.9/1030.8	95.45	95.45		
OP	345	OP	11.14/11.14	1037.7/1037.7	102.21	102.21			
Single	345	Single	5.83/5.83	1037.6/1037.6	102.20	102.20			
9607_SRT-AI*\$_CHESCO\$_PECO_P7-1	Tower	345	Below OP	11.07/11.07	1031.0/1031.0	95.46	95.47		
PL_08_P22_102799_SRT-A	Bus	345	Below OP	11.06/11.06	1029.6/1029.6	95.38	95.38		
PL_08_P22_102801_SRT-A	Bus	345	Below OP	11.05/11.05	1029.6/1029.6	95.33	95.34		
PL_48_P71_102849_SRT-A	Tower	345	Below OP	11.11/11.11	1035.1/1035.0	96.84	96.84		
243186_05GV6126_0_SRT-W	OP	345	OP	11.0/11.0	1035.6/1035.6	102.01	102.01		
243187_05GV6226_0_SRT-W	OP	345	Single	5.76/5.76	1035.5/1035.5	102.00	102.00		
OP	345	OP	11.0/11.0	1035.7/1035.7	102.02	102.02			
Single	345	Single	5.76/5.76	1035.7/1035.7	102.02	102.02			
988756 BATH 3W1 20.5 314801 8BATH CO 500 1	EP P1-1_#4838_05GAVIN765_2_SRT	Single	345	OP	11.12/11.12	1035.9/1035.9	102.04	102.04	
AEP P1-2_#363_1682_SRT-A	OP	345	Single	5.82/5.82	1035.9/1035.8	103.04	103.05		
OP	345	OP	11.22/11.22	1046.1/1046.1	103.04	103.04			
Single	345	Single	5.88/5.88	1046.0/1046.0	103.03	103.03			
988756 BATH 3W1 20.5 314801 8BATH CO 500 1	EP P2-2_#6188_05HANG R765_1_SRT	Single	345	Below OP	11.06/11.06	1030.6/1030.5	95.43	95.43	
EP P2-2_#7165_05VACITY138_1_SRT	Bus	345	Below OP	11.05/11.05	1029.3/1029.3	95.31	95.31		
EP P4_#3002_05ROCKPT765_C2_SRT	Breaker	345	Below OP	11.22/11.22	1046.1/1046.1	96.86	96.86		
EP P4_#3002_05ROCKPT765_B1_SRT-A	Breaker	345	Below OP	11.22/11.22	1046.1/1046.1	96.86	96.86		
EP P4_#6848_05JFRSO765_B_SRT-A	Breaker	345	Below OP	11.22/11.22	1046.1/1046.1	96.86	96.86		
EP P4_#8336_05ROCKPT765_C_SRT	Breaker	345	Below OP	11.22/11.22	1046.1/1046.1	96.86	96.86		
EP P5_#11280_05ROCK_05ROCK_SRT	Breaker	345	Below OP	11.22/11.22	1045.6/1045.6	96.81	96.81		
AP P2-2_WP-500-DRT15_SRT-W	Bus	345	Below OP	11.06/11.06	1030.1/1030.1	95.38	95.38		
Base Case	OP	345	OP	11.0/11.0	1024.5/1024.4	94.85	94.85		
Single	345	Single	5.76/5.76	1024.4/1024.4	94.85	94.85			
988756 BATH 3W1 20.5 314801 8BATH CO 500 1	77-1_345-L0301_B-S+345-L0303_F	Tower	345	Below OP	11.0/11.0	1030.6/1030.5	95.42	95.42	
77-1_345-L0302_B-S+345-L0304_F	Tower	345	Below OP	11.0/11.0	1030.6/1030.5	95.42	95.42		
77-1_345-L2912_B-S+345-L2913_F	Tower	345	Below OP	11.06/11.06	1030.2/1030.2	95.39	95.39		
DVP P1-2_LN596_SRT-A	OP	345	OP	11.14/11.14	1036.9/1036.9	102.14	102.14		
OP	345	OP	5.83/5.83	1036.8/1036.8	102.13	102.13			
988756 BATH 3W1 20.5 314801 8BATH CO 500 1	9607_SRT-AI*\$_CHESCO\$_PECO_P7-1	Tower	345	Below OP	11.06/11.06	1030.4/1030.3	95.40	95.40	
PL_08_P22_102799_SRT-A	Bus	345	Below OP	11.05/11.05	1029.4/1029.4	95.31	95.31		
PL_08_P22_102801_SRT-A	Bus	345	Below OP	11.05/11.05	1029.4/1029.4	95.31	95.31		

Monitored Facility	Cont Name	ContType	Areas	OP Rule	LTF Impact (Max/Min)	Scenario	Final AC %LD		FG #
							AC Final Flow (Max/Min)	Proposed Containing the Project (WIN)	
895753 ROCKY FORGE 34.5 313107 ROCKY FORGE 230 1	PL_48_P71_102649 SRT-A Base Case	Tower	345	Below OP	11.11 / 11.11	1034.4 / 1034.3	95.77	95.77	95.77
		OP	345	OP	0.837 / 0.83	79.2 / 79.1	158.20	158.20	158.20
DVP P1-1-G-W1-AM1-038 C SRT-A		Single	345	Single	0.447 / 0.44	62.6 / 62.6	125.28	125.28	125.28
		OP	345	OP	0.837 / 0.83	66.8 / 66.5	108.95	108.95	108.78

## I. NECESSITY FOR THE PROPOSED PROJECT

### E. Describe the feasible project alternatives, if any, considered for meeting the identified need including any associated studies conducted by the Applicant or analysis provided to the RTO. Explain why each alternative was rejected.

Response: The Company did not consider distribution or transmission electrical alternatives to the proposed Project due to the violations described in Section I.

## ANALYSIS OF DEMAND-SIDE RESOURCES

Pursuant to the Commission's November 26, 2013, Order entered in Case No. PUE-2012-00029,<sup>65</sup> and its November 1, 2018, Final Order entered in Case No. PUR-2018-00075,<sup>66</sup> the Company is required to provide analysis of demand-side resources ("DSM") incorporated into the Company's planning studies. DSM is the broad term that includes both energy efficiency ("EE") and demand response ("DR"). In this case, PJM and the Company have identified a need for the proposed Project based on the need to address violations of NERC Reliability Standards, thereby enabling the Company to maintain the overall long-term reliability of the transmission system while also providing for future load growth.<sup>67</sup> Notwithstanding, when performing an analysis based on PJM's 50/50 load forecast, there is no adjustment in load for DR programs because PJM only dispatches DR when the system is under stress (*i.e.*, a system emergency). Accordingly, while existing DSM is considered to the extent the load forecast accounts for it, DR that has been bid previously into PJM's capacity market is not a factor in this particular Application because of the identified need for the Project. Based on these considerations, the evaluation of the Project demonstrated that despite accounting for DSM consistent with PJM's methods, the Project is necessary.

Incremental DSM also will not eliminate the need for the Project. As discussed in Section I.C, the 2026 PJM Load Forecast was 0.4% greater in the 10-year projection in comparison to the 2023 PJM Load Forecast. The Company anticipates that the load will only continue to grow in the DOM Zone, including the NOVA Load Area, as supported by the 2026 PJM Load Forecast. By way of comparison, statewide, the Company achieved demand savings of 322.9 MW (net) / 399.0 MW (gross) from its DSM programs in 2024.

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<sup>65</sup> *Application of Virginia Electric and Power Company d/b/a Dominion Virginia Power for approval and certification of electric facilities: Surry-Skiffes Creek 500 kV Transmission Line, Skiffes Creek-Wheaton 230 kV Transmission Line, and Skiffes Creek 500 kV-230 kV-115 kV Switching Station*, Case No. PUE-2012-00029, Final Order (Nov. 26, 2023).

<sup>66</sup> *Application of Virginia Electric and Power Company for approval and certification of electric transmission facilities under Va. Code § 56-46.1 and the Utility Facilities Act, Va. Code § 56-265.1 et seq.*, Case No. PUR-2018-00075, Final Order (Nov. 1, 2018).

<sup>67</sup> While the PJM load forecast does not directly incorporate DR, its load forecast incorporates variables derived from Itron that reflect EE by modeling the stock of end-use equipment and its usages. Further, because PJM's load forecast considers the historical non-coincident peak ("NCP") for each load serving entity ("LSE") within PJM, it reflects the actual load reductions achieved by DSM programs to the extent an LSE has used DSM to reduce its NCPs.

## **I. NECESSITY FOR THE PROPOSED PROJECT**

- F. Describe any lines or facilities that will be removed, replaced, or taken out of service upon completion of the proposed project, including the number of circuits and normal and emergency ratings of the facilities.**

Response: In order to construct Line #5008 and Line #2464, the Company proposes to optimize the existing Morrisville-Wishing Star Corridor through the rebuild or partial rebuild of various existing 500 kV and 230 kV lines, and line terminal upgrades and/or equipment installations at various existing stations, including expansion of the Morrisville Station within the Company's existing property rights. See Attachment I.F.1 for a table identifying by segment and line number the transmission line facilities being removed, replaced, or taken out of service upon completion of the proposed Project. See Section I.B for ratings of the conductors being removed and Section II.C for the station facilities being removed due to construction of the proposed Project.

Segment	Line	Structure Description	Structures Removed	Start	End	Conductor Removed	OPGW Removed	Shield Wire Removed	Mileage
1	545	GALV STEEL-SC 2 POLE HFRAME-SUSPENSION	3	545/159	545/113	2-2500 ACAR (84/7)	45x45x614	7#7 ALWD	7.9
		GALV STEEL-SC TOWER-SUSPENSION	1						
		WEATHERING STEEL-SC TOWER-SUSPENSION	37						
		WEATHERING STEEL-SC TOWER-RUNNING ANGLE	2						
		WEATHERING STEEL-SC TOWER-DOUBLE DEAD END	2						
	569	GALV STEEL-SC TOWER-SUSPENSION	38	569/159	569/113	2-2500 ACAR (84/7)	45x45x614	7#7 ALWD	8.2
		GALV STEEL-SC 2 POLE HFRAME-DOUBLE DEAD END	2						
		GALV STEEL-SC 2 POLE-DDE	1						
		GALV STEEL-SC TOWER-RUNNING ANGLE	2						
		GALV STEEL-SC TOWER-DOUBLE DEAD END	1						
		GALV STEEL-SC 1 POLE-SUSPENSION	1						
	2040	230kV Guyed Steel SC Vertical Configuration Suspension	1	2040/1	2040/1B	2-795 ACSS	45/45/614 OPT-GW	NA	0.2
	2039	NA	0	2039/1	2039/1B	2-795 ACSS	45/45/614 OPT-GW	NA	0.1
2A	569	WEATHERING STEEL-SC TOWER-SUSPENSION	6	569/113	569/1118	2-2049 AAAC (61/0)	45x45x614	7#7 ALWD	1.2
	WEATHERING STEEL-SC TOWER-DOUBLE DEAD END	1							
2B	569	GALV STEEL-DC TOWER-SUSPENSION ANGLE	1	569/1118	569/1069	3-1351 ACSR	45x45x614	7#7 ALWD	3.7
		GALV STEEL-DC TOWER-SUSPENSION	9						
		GALV STEEL-DC 2 POLE HFRAME-DOUBLE DEAD END	1						
		GALV STEEL-DC 2 POLE HFRAME-DOUBLE DEAD END	1						
	2101	<i>Underbuild to line 569</i>	0	2101/12	2101/61	2-768 Maumee ACSS	NA	NA	3.7
	535	GALV STEEL-DC TOWER-SUSPENSION ANGLE	1	535/120	535/70	3-1351 ACSR	(2) 45x45x614	NA	4
		GALV STEEL-DC TOWER-SUSPENSION	9						
		GALV STEEL-DC 2 POLE HFRAME-DOUBLE DEAD END	1						
		GALV STEEL-DC 2 POLE HFRAME-DOUBLE DEAD END	1						
	2114	<i>Underbuild to line 535</i>	0	2114/71	2114/121	2-768 Maumee ACSS	NA	NA	4
3	569	GALV STEEL-DC TOWER-SUSPENSION	17	569/1067	569/1006	3-1351 ACSR	45x45x614	7#7 ALWD	3.7
		GALV STEEL-DC TOWER-RUNNING ANGLE	1						
	2163	<i>Underbuild to line 569</i>	0	2163/5	2163/24	2-768 Maumee ACSS	NA	NA	2.2
	2030	<i>Underbuild to line 569</i>	0	2030/43	2030/2	2-768 Maumee ACSS	NA	NA	6.9
	535	GALV STEEL-DC TOWER-SUSPENSION	18	535/68	535/6	3-1351 ACSR	(2) 45x45x614	NA	3.7
		GALV STEEL-DC TOWER-RUNNING ANGLE	1						
	2114	<i>Underbuild to line 535</i>	0	2114/123	2114/138	2-768 Maumee ACSS	NA	NA	1.7
	2222	<i>Underbuild to line 535</i>	0	2222/5	222/9	2-768 Maumee ACSS	NA	NA	0.8
	2140	230kV Steel Pole-Double Circuit-DDE	2	2140/46A	2140/50	2-795 ACSR Drake	DNO-11410	NA	0.5
		230kV Steel Pole Crossing Str. Double Circuit-DDE	2						
230kV Steel Single Pole Structure DC I-String-Crossing S		1							
2176	<i>Sharing pole line with 2140</i>	0	2176/46A	2176/43	2-795 ACSR Drake	NA	NA	0.5	
4	590	GALV STEEL-DC TOWER-SUSPENSION	19	590/1915	590/1893	3-1351.5 ACSR (45/7)	2-DNO-10100	NA	4.6
		GALV STEEL-DC TOWER-DOUBLE DEAD END	1						
		GALV STEEL-DC 3 POLE-DOUBLE DEAD END	1						
	2045	<i>Underbuild to line 590 (One 3-Pole Galvanized Steel Pole Structure)</i>	1	2045/1A	2045/22	2-636 ACSR Rook	NA	NA	3.8
	2319	<i>Underbuild to line 590 (One 3-Pole Galvanized Steel Pole Structure)</i>	1	2319/21	2319/25	2-636 ACSR Rook	NA	NA	0.9
	546	GALV STEEL-DC TOWER-SUSPENSION	20	546/4	546/26	3-1351.5 ACSR (45/7)	2-DNO-10100	NA	5
		GALV STEEL-DC TOWER-DOUBLE DEAD END	1						
	2094	<i>Underbuild to line 546 (One 3-Pole Galvanized Steel Pole Structure)</i>	1	2094/245	2094/224	2-636 ACSR Rook	NA	NA	3.8
2227	<i>Underbuild to line 546 (One 3-Pole Galvanized Steel Pole Structure)</i>	1	227/225	2227/220	2-636 ACSR Rook	NA	NA	1	

**I. NECESSITY FOR THE PROPOSED PROJECT**

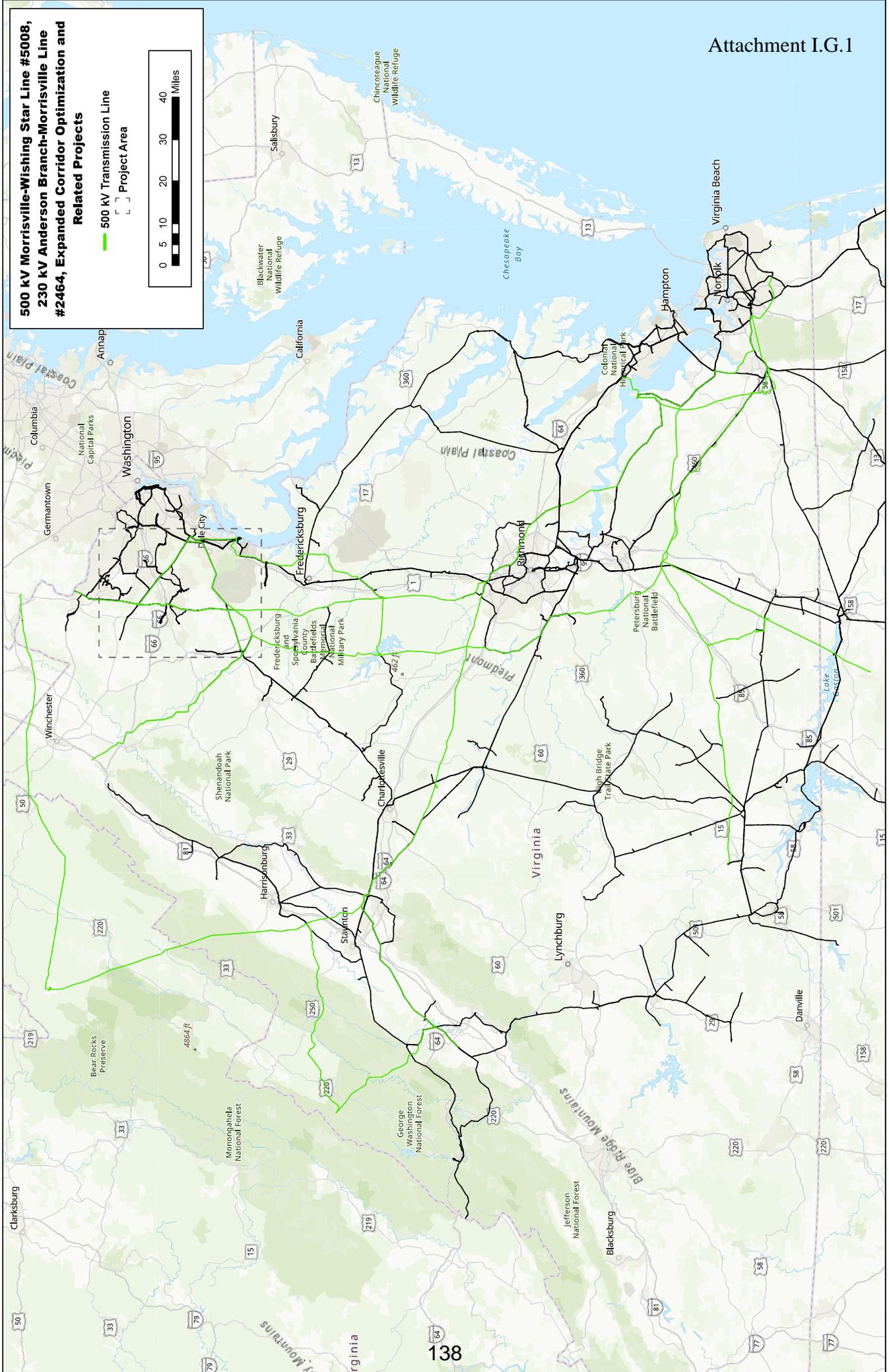
- G. Provide a system map, in color and of suitable scale, showing the location and voltage of the Applicant's transmission lines, substations, generating facilities, etc., that would affect or be affected by the new transmission line and are relevant to the necessity for the proposed line. Clearly label on this map all points referenced in the necessity statement.**

Response: See Attachment I.G.1.

Note that this attachment begins with a broad overview map, highlighting the Company's existing 500 kV transmission network in relation to the proposed Project. The second map in this attachment, separated into two pages (labeled as Page 1 and Page 2) due to sizing constraints, provides the locations of existing and future stations directly adjacent to the Morrisville-Wishing Star Corridor in Fauquier, Prince William, and Loudoun Counties, as well as the existing 500 and 230 kV arrangement near the Loudoun/Mosby Switching Stations.

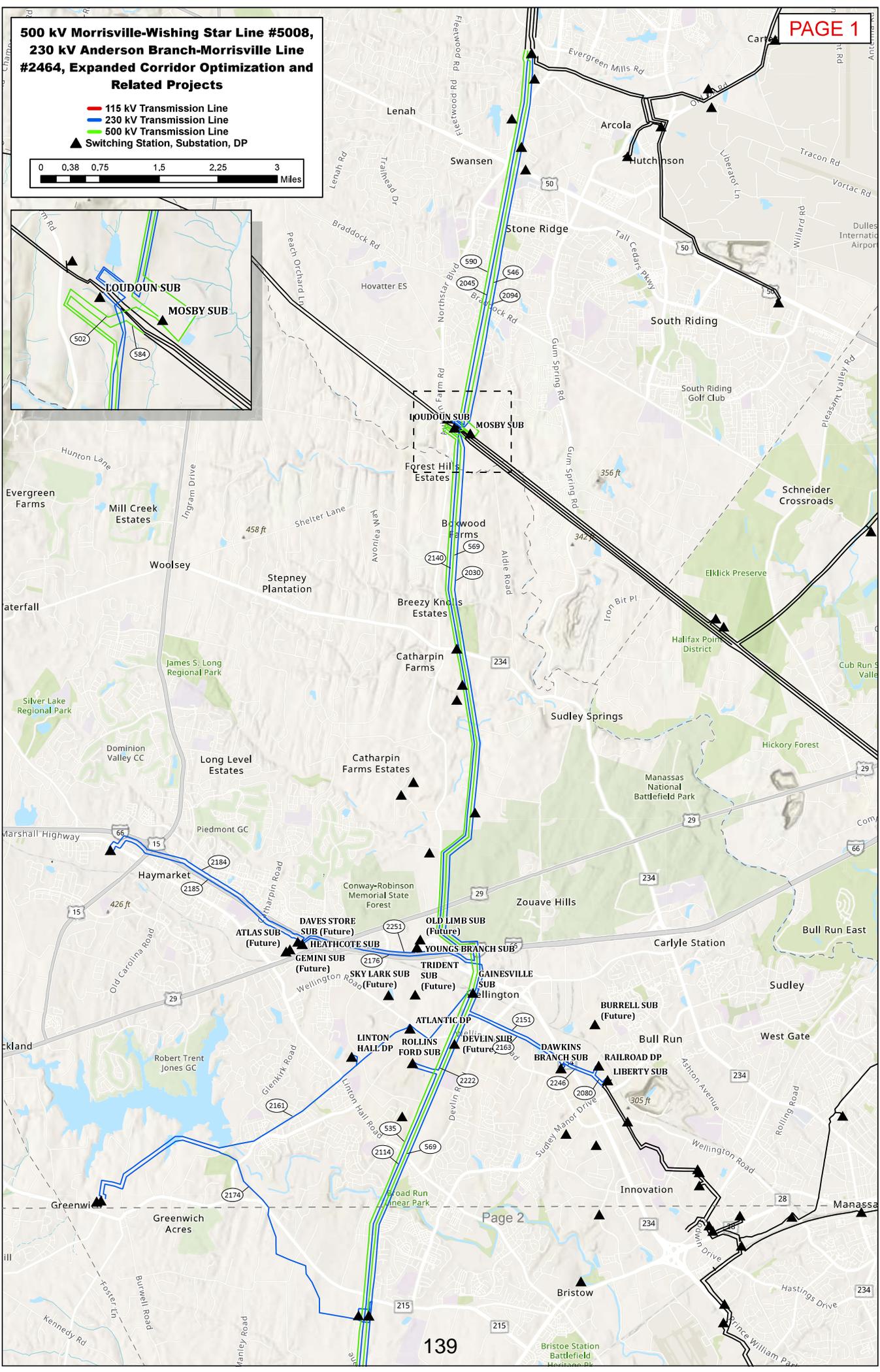
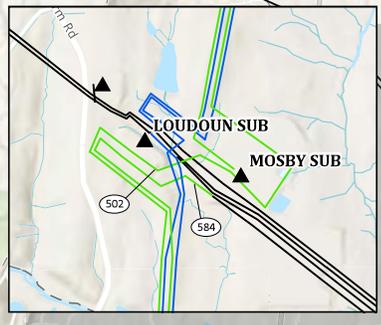
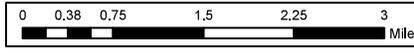
**500 kV Morrisville-Wishing Star Line #5008,  
 230 kV Anderson Branch-Morrisville Line  
 #2464, Expanded Corridor Optimization and  
 Related Projects**

— 500 kV Transmission Line  
 - - - Project Area



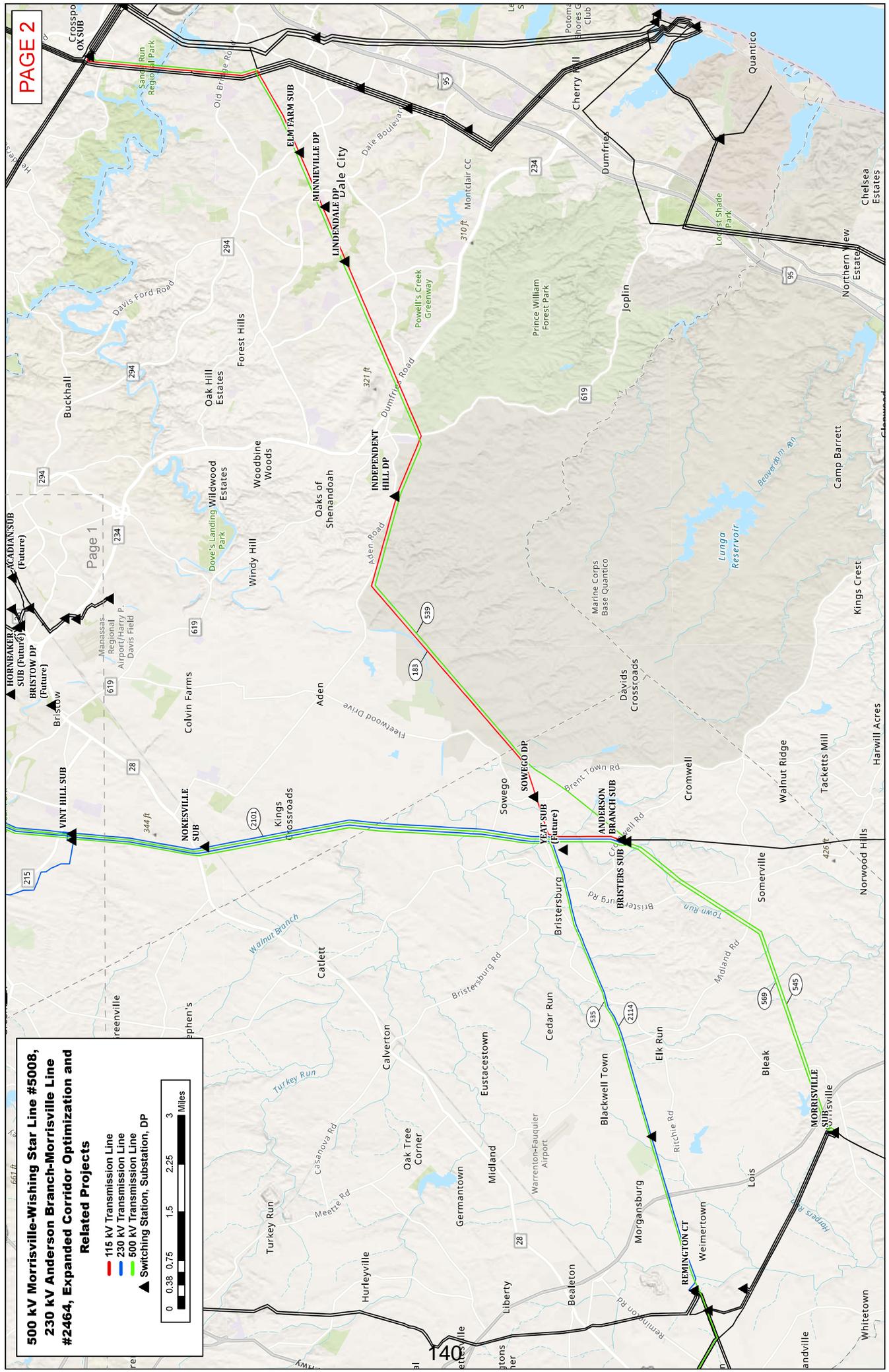
**500 kV Morrisville-Wishing Star Line #5008,  
230 kV Anderson Branch-Morrisville Line  
#2464, Expanded Corridor Optimization and  
Related Projects**

- 115 kV Transmission Line
- 230 kV Transmission Line
- 500 kV Transmission Line
- ▲ Switching Station, Substation, DP



**500 kV Morrisville-Wishing Star Line #5008,  
230 kV Anderson Branch-Morrisville Line  
#2464, Expanded Corridor Optimization and  
Related Projects**

- 115 kV Transmission Line
- 230 kV Transmission Line
- 500 kV Transmission Line
- Switching Station, Substation, DP



## I. NECESSITY FOR THE PROPOSED PROJECT

### H. Provide the desired in-service date of the proposed project and the estimated construction time.

Response: The desired in-service target date for the proposed Project is December 31, 2030.<sup>68</sup>

The Company estimates it will take approximately 45 months for detailed engineering, materials procurement, permitting, real estate, and construction after a final order from the Commission. Accordingly, to support this estimated construction timeline and construction plan, the Company respectfully requests a final order by March 31, 2027. Should the Commission issue a final order by March 31, 2027, to accommodate long-lead materials procurement, the Company estimates that construction should begin around April 1, 2027, and be completed by December 31, 2030. This schedule is contingent upon obtaining the necessary permits and outages, the latter of which are and will continue to be challenging in the NOVA Load Area, due to the volume of new load growth, rebuilds, and new builds scheduled to occur in this saturated and heavily loaded area, coupled with the magnitude and complexity of the proposed Project and the number of outages required for optimization of this critical corridor. Dates may need to be adjusted based on permitting delays or design modifications to comply with additional agency requirements identified during the permitting application process, as well as the ability to schedule outages, and unpredictable delays due to labor shortages, or materials/supply issues. This schedule is also contingent upon the Company's ability to secure necessary property rights within an estimated timeframe.

In addition, the Company actively is monitoring regulatory changes and requirements associated with the NLEB and how they could potentially impact construction timing associated with TOYRs. The USFWS issued the final guidance, replacing the interim guidance, on October 23, 2024, and the final guidance was fully implemented November 30, 2024. The Company is reviewing the final guidance to the extent it applies to the Company's projects and will coordinate with USFWS during the permitting stage.

The Company also is monitoring potential regulatory changes associated with the potential up-listing of the TCB. On September 14, 2022, the USFWS published the proposed rule to the Federal Register to list the TCB as endangered under the Endangered Species Act. USFWS extended its Final Rule issuance target from September 2023 to September 2024, but as of the date of this filing, the TCB listing decision has not been issued. The Company is actively tracking this ruling and evaluating the effects of potential outcomes on Company projects permitting, construction, and in-service dates, including electric transmission projects.

The Company also is actively monitoring regulatory changes and requirements associated with the monarch butterfly (*Danaus plexippus*) and the proposed

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<sup>68</sup> See *supra*, n.28.

USFWS listing of this species as federally threatened. The Company is anticipating the monarch butterfly will be listed; therefore, it assumes any regulatory changes associated with the potential listing of the monarch butterfly will affect this Project. On December 12, 2024, the monarch butterfly was proposed to be listed as threatened by the USFWS, and the 90-day public comment period was extended and closed on May 19, 2025. The Company is actively tracking this ruling and evaluating the effects of potential outcomes on the permitting, construction, and in-service dates of Company projects, including electric transmission projects.

The Company has been in coordination with the NPS pertaining to potential development of project solutions. The Company has an easement agreement within the NPS property with associated rights that pertain to the existing rights-of-way. Based on the Company's proposed work within the extent of NPS lands, the Company understands that this work is allowable under the existing easement rights and would utilize a Special Use Permit to complete. Through discussion with NPS and review of the existing easement rights, there is a TOYR from April 1 to July 15 that the Company is factoring into the permitting schedule. The Company will continue to work with NPS for the proposed work on NPS lands.<sup>69</sup>

Any adjustments to the Project schedule resulting from these or similar challenges could necessitate a minimum of a six- to twelve-month delay in the targeted in-service date. Accordingly, for purposes of judicial economy, the Company requests that the Commission issue a final order approving both a desired in-service target date (*i.e.*, December 31, 2030) and an authorization sunset date (*i.e.*, December 31, 2031) for energization of the Project.<sup>70</sup> Importantly, the request for an authorization sunset date is intended to account for the increasing challenges to approval, permitting, and construction of electric transmission projects that may be beyond the Company's control, such as those described herein. It does not assuage the immediacy of the need for this Project or curtail the Company's commitment to ensure the reliability of its transmission system. The Company continues to believe at this time that it can reasonably achieve the desired in-service target date.

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<sup>69</sup> See *infra*, n.80 and n.85.

<sup>70</sup> See *supra*, n.30.

## I. NECESSITY FOR THE PROPOSED PROJECT

- I. Provide the estimated total cost of the project as well as total transmission-related costs and total substation-related costs. Provide the total estimated cost for each feasible alternative considered. Identify and describe the cost classification (e.g. “conceptual cost,” “detailed cost,” etc.) for each cost provided.**

Response: The estimated conceptual cost of the Project as proposed is approximately \$873.6 million, which includes approximately \$779.6 million for transmission-related work and approximately \$94.0 million for station-related work (2025 dollars).<sup>71</sup>

These cost estimates reflect the costs of removing certain facilities and constructing new electric transmission infrastructure as part of the proposed Project. The proposed Project includes removal of certain facilities that are not approaching the end of their service life and are not fully depreciated. The Company plans to seek approval at FERC for recovery associated with these 500 kV and 230 kV facilities.<sup>72</sup> Potential cost recovery related to these facilities is not included in the costs presented for the Project herein.

The Company’s solution presented to PJM involved the wreck and rebuild of facilities along the entire corridor, consistent with Va. Code § 56-259 C. For comparison among alternatives, were this end-to-end option constructible, it would have represented approximately \$241 million in unamortized investment. In contrast, the Company’s proposed Project represents approximately \$164 million in unamortized investment. A greenfield alternative to the Project, were one possible, would not have required retirement of assets with remaining useful life.

The estimated transmission-related costs (2025 dollars) are broken out by route, as shown in the table below.

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<sup>71</sup> See *supra*, n.26.

<sup>72</sup> See *supra*, n.27.

**Transmission-Related Costs by Route  
(Millions (approximate))**

Segment	Route Alternatives	Estimated Conceptual Costs	Proposed Route Segment Totals
<b>Segment 1</b>	<b>Proposed Route 1 (Lines #5008 &amp; #2464)</b>		<b>\$187.3 million</b>
	<i>Proposed Route 1 – Line #5008</i>	\$170.3 million	
	<i>Proposed Route 1 – Line #2464</i>	\$17.0 million	
<b>Segment 2A</b>	<b>Proposed Route 1</b>	\$27.3 million	<b>\$27.3 million</b>
<b>Segment 2B</b>	<b>Proposed Route 1</b>	\$170.3 million	<b>\$170.3 million</b>
<b>Segment 3</b>	<b>Proposed Route 1</b>		<b>\$279.7 million</b>
	<i>Mainline Proposed Route 1</i>	\$135.3 million	
	<i>Gainesville Proposed Route 1</i>	\$46.0 million	
	<i>Gainesville Alternative Route 2</i>	\$69.0 million	
	<i>Gainesville Alternative Route 3</i>	\$68.1 million	
	<i>Pageland Proposed Route 1</i>	\$98.4 million	
	<i>Pageland Alternative Route 2</i>	\$128.9 million	
<b>Segment 4</b>	<b>Proposed Route 1</b>	\$115.0 million	<b>\$115.0 million</b>
<b>Total Transmission-Related Project Costs*</b>			<b>\$779.6 million</b>

\* The total transmission-related Project costs are for the Project Proposed Route, which is comprised of a combination of Segment 1 Proposed Route 1, Segment 2A Proposed Route 1, Segment 2B Proposed Route 1, Segment 3 Mainline Proposed Route 1, Segment 3 Gainesville Proposed Route 1, Segment 3 Pageland Proposed Route 1, and Segment 4 Proposed Route 1.

The estimated station-related costs (2025 dollars), which are anticipated to be the same regardless of the routes selected, are shown in the table below.

**Station-Related Costs  
(Millions (approximate))**

Station	Estimated Conceptual Cost
Morrisville	\$53.6 million
Wishing Star	\$35.1 million
Bristers	\$5.3 million
<b>Total Station-Related Project Costs</b>	<b>\$94.0 million</b>

See Section II.C for costs associated with other minor station-related work, which are not included in the total Project costs but are provided for informational purposes.